

Iowa City - Chicago -

Chicago - Balt. -

15.00

Balt. - New York -

2.00

New York - New Orleans -

4.00

At Ocean View July 30 83

a fair amount

Confidence

W. B.

Portland

G. E. Davis

W. B. Davis

W. B. Davis

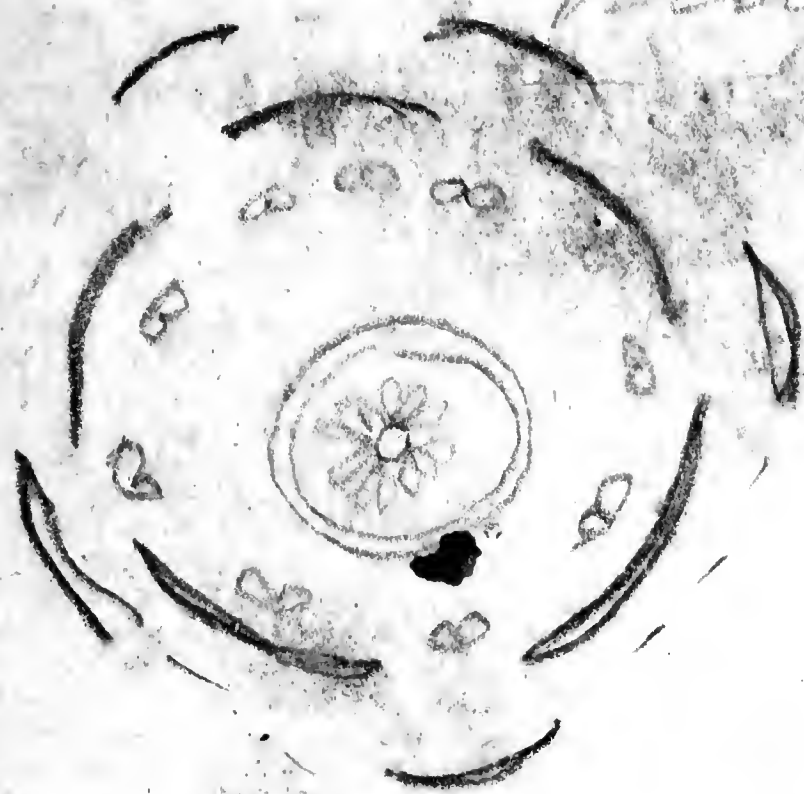
W. B. Davis

W. B. Davis

Monroeville Ohio

June 21 - 1885

Bluffs of Huron riv



Plant 1-2' high

very sticky - hispid

herbaceous
stem, erect, exogen, hollow

Leaves - oblanceolate, simple
acute, opposite, clasping, serrate
netted veins

Inflorescence - cymose

compound umbels

Calyx lobes 5

to claw of petals (i.e.
somewhat inflated, five-
lobed) low, acute

Petals - 5 clawed
bright red 2-lobed petals
each with a row of two
apophyses

Stems 10, tubers 2

very slender, stems

like in form, erect

internode, 2-3 cells

growing when young stems

4 tubers common

any

Root - very 1-2 cell free

central placenta, 2-3

3, slender = flowers

many needed for

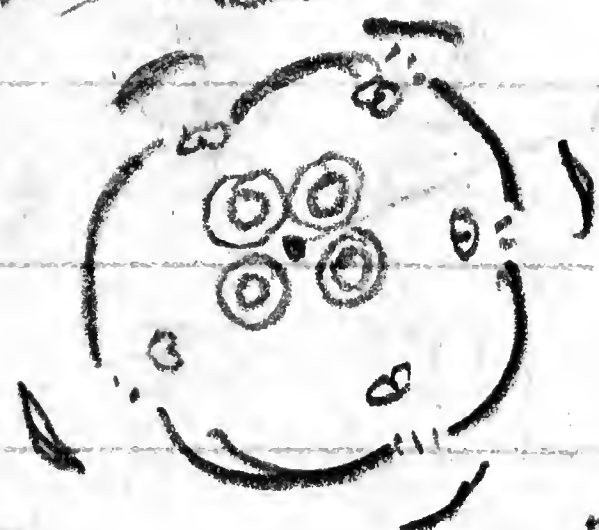
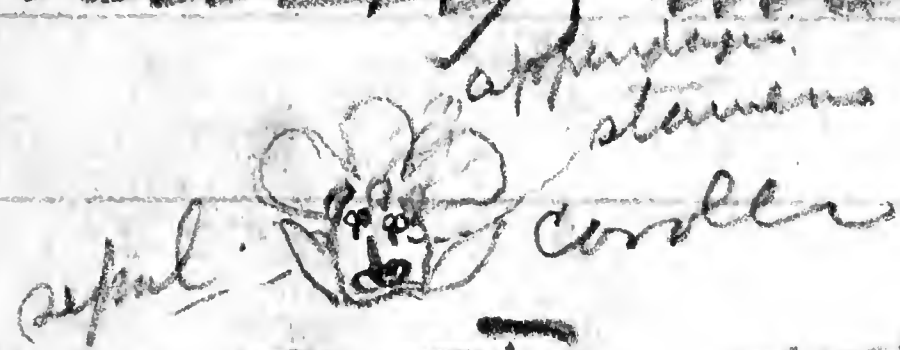
Blebs virgata

Root leaves obsolete

common of stems

Root stock erect

Same loc. data etc. as above
Plant - 12' - 30' high, soft
 hairy, with many branches.



style

See root

Stem erect, herb. exogen.
Leaves Lower oblanceolate, upper lanceolate, entire,
 amply no stipules, alternate.
Inflores - fl. in rounded
 racemes from axils,
 producing a very ^{compacted}
 large cluster.
Calyx of 5 green, lanceolate
 persistent sepals becoming
 larger & leaf-like in fruit.
Corolla ^(slightly emarginate) 5-lobed, lobes
 rounded, spreading to tube,
 bright red, with little

hard-like appearance forming
a crown with nearly

obovate structure.

Stems 5- on base of

corolla, 2-3 cells, white

adorned with hairs.

Pistil, ovary 4, white

into flat large, long like

corolla, style 1, stigma 1.

anthers

or used separately

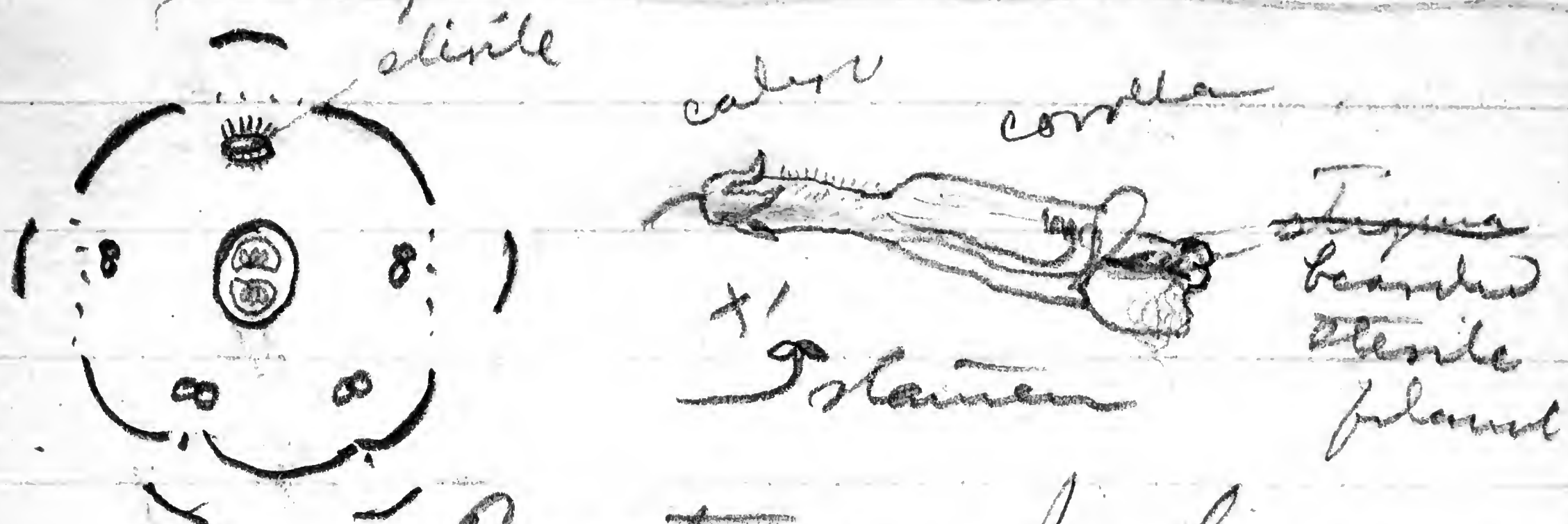
as a whole or in

pieces of leaves

Root large, simple
primary, central

Cynophallus officinalis

Date, Loc., etc. same as above



Penstemon pubescens.

Plant 1-2' high, soft-downy

Root - secondary from R. Stalk

Stem, erect, herb. exogen.

purple at base.

Leaves opp. simple, spat.

at base, to lanceolate

above, irreg. serrate,

velvety. veins clasping, sessile

stems

Inflores. terminal, paniculate

Calyx of five, ovate, short,

green sepals.

Corolla, monopetal 2-lipped

upper 2 lobes, recurved, lower

3-lobed, middle lobe smallest.

Lower life with two females
 female & male purple

Stomach 4 goss. soft
 stomachs bearded

antennae 2 cells cells

diverging, with brown
 patch

2 cells, one dorsal /

2 cells, one dorsal /
 =

Antenna fully grown

June 22. 1885

Along B. & O. R.R. East of
Cameron, W. Va.

Plant - 3° feet high smooth

Stem - Erect, herb, exog.
with branches,

Leaves - Lower oblong to spat.,
obtus., very coarsely serrate

& then serrulate, sessile.

Primarily netted veins, obtuse

upper sessile, partly clasping

ovate, acute, coarsely serrate

and serrulate, coarsely

finely netted veins, alternate

Inflores - Long, bracted racemes

terminating stem and

branches; flowers white very

complete, 5-merous.

Calyx of 5 lanceolate

herbaceous green, spreading

sepals,

inflorescence leaves

Carilla. Minute, deep

5 pointed, tube very short,

lobes, yellowish, long with

red, downy, no very wide

lobes very broadly ovate or truncate

Stem 3, purple, filiciform

covered with purple hairs, on

very large of corolla, rather

1-seed.

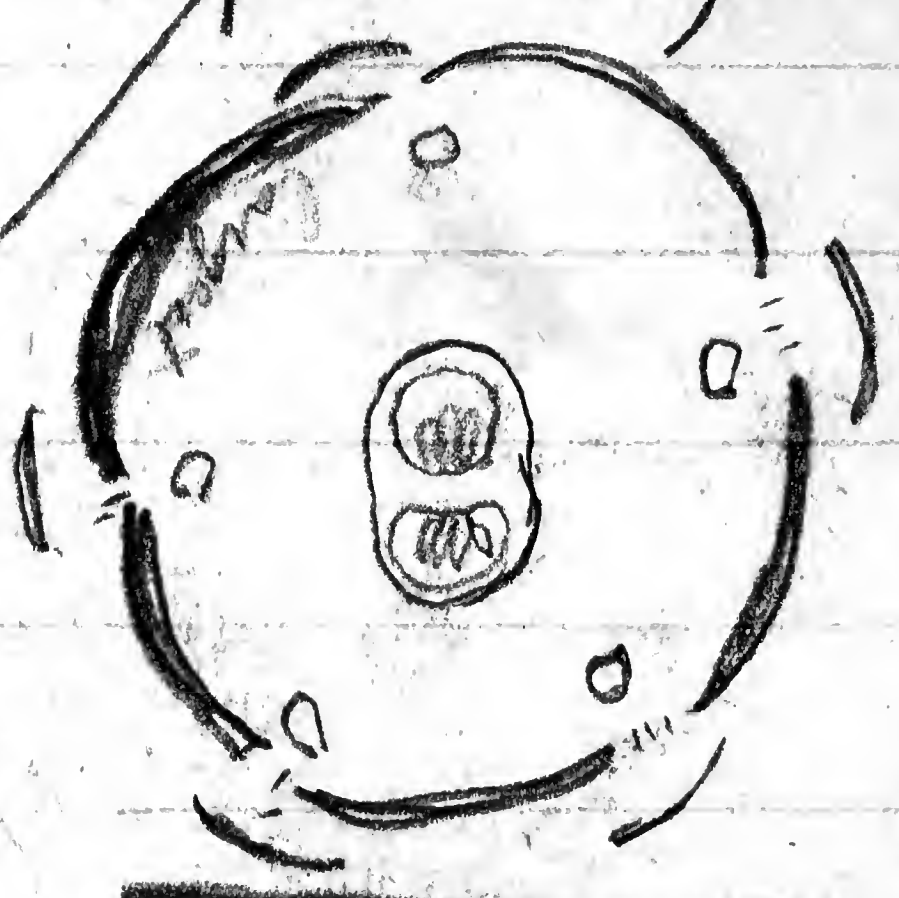
Seed, 1 each, very

1-seed, style oblong,

curved, short, stigmatic

terminal, rather

Urtica



some purple hairs
on base of corolla etc.

Hyd. of Urtica & Convolvulus
around

Plant collected June 27-'85
on the sand flats above high-water
in Norfolk Harbor.

Plant - 6-1/2', smooth, not branched.

Stem - Erect, herb, thick for so
small a plant, longitudinally
ribbed (or rather angled)

Root - Simple, primary tap, short,
with few rootlets.

Leaves - Few, inconspicuous, leaf.
alternate, 1/2' + long, linear.

Inflores - A short dense raceme
of ~~subsessile~~ ^{red} sub-sessile
small, irreg. flowers.

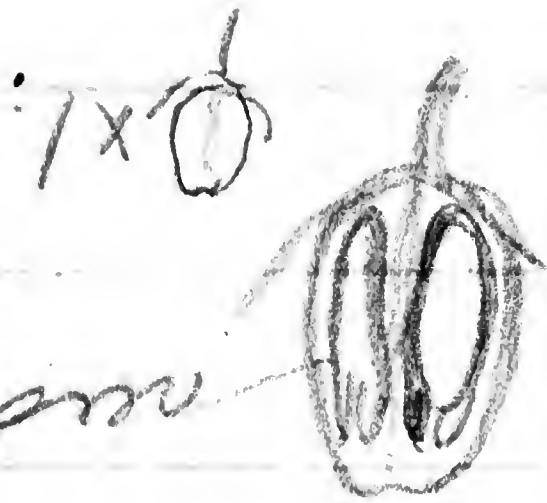
Calyx - of 5 sepals, three green
acute, small; the "wings" petal-
like (red) less than 1/2 corolla, oblong
(or obovate) acute.

Corolla - of 3 red petals, lateral
narrow, rounded, tapering to base
& forming a portion of tube; the 3rd
petal conspicuously; claws of petal
united into tube of tube (claw)

Polygala mucronata

Stems 4. flowers white in 2 = 206

Stem node



nodes pendulous

a - wings

Profil. 1 cm. very 2. cells, and
 large, pendulous, orange dark,
 surface, style slender, terminal
 large (in flower)

anthers 1-celled, minute

Stamens in two sets of 4 each

caruncle (double) = stem of

(with dissepiments)

take left from along the back

11

June 28 - '85.

Pine woods near Norfolk.

Plant 12'-15' high, smooth,

Stem, spreading (or ascending)

branched, exogen herb.

Leaves Compound, ^{alternate} 3 leaflets,

long-petioled lateral leaflet

short-pedicelled, terminal with

long pedicel, leaflets, ovate,

obtus (or nearly acute) slightly

cordate at base, netted-veined,

stipules small, ovate, acute, green

Inflores Fl. showy, large,

solitary or in pairs, on slender pedicel,

woody; 2 deciduous bracts just below

Calyx Broadly tubular, green, ^{calyx}

monosep., 5-lobed, lobes ovate,

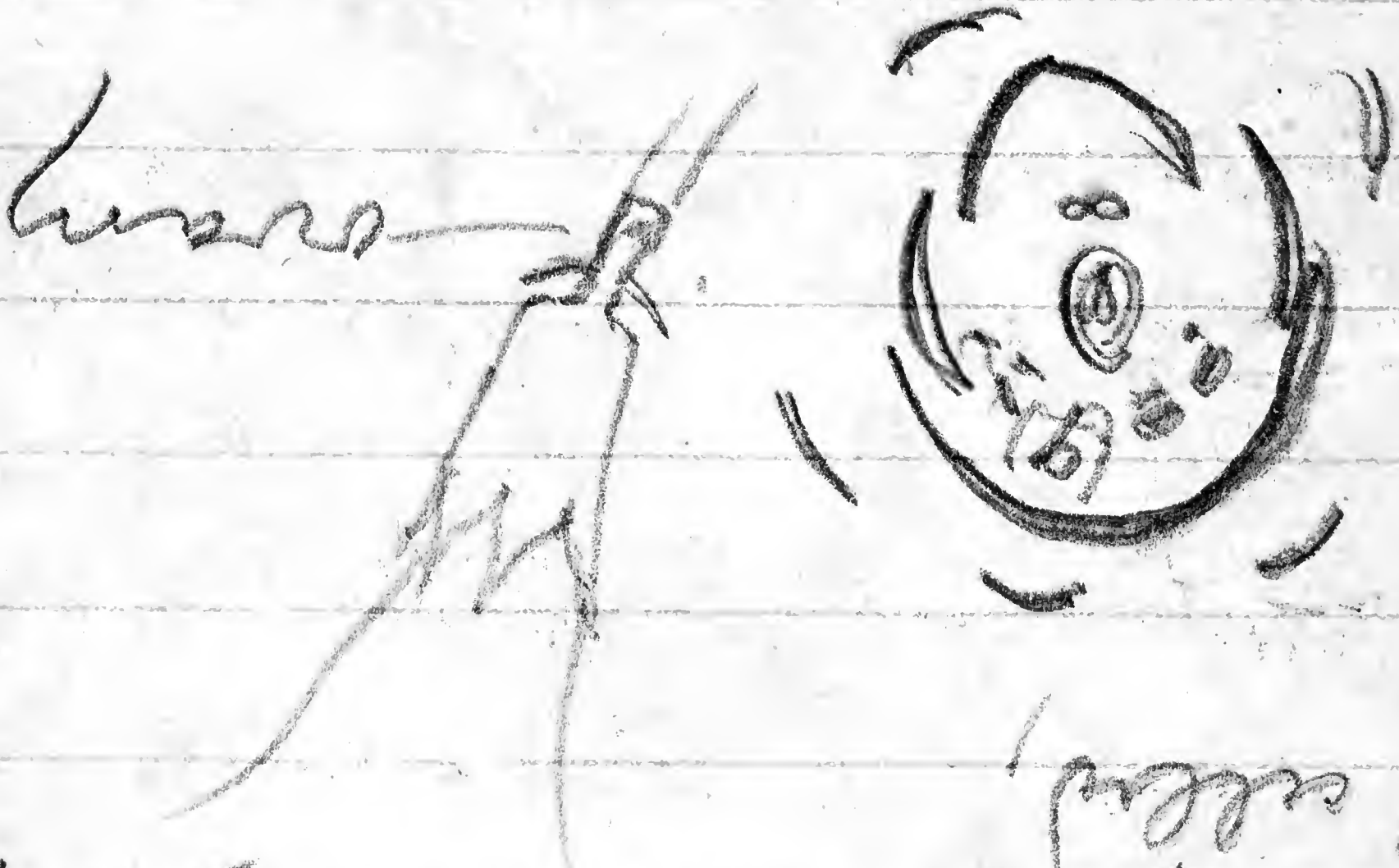
acuminate,

Corolla papilionaceous, light

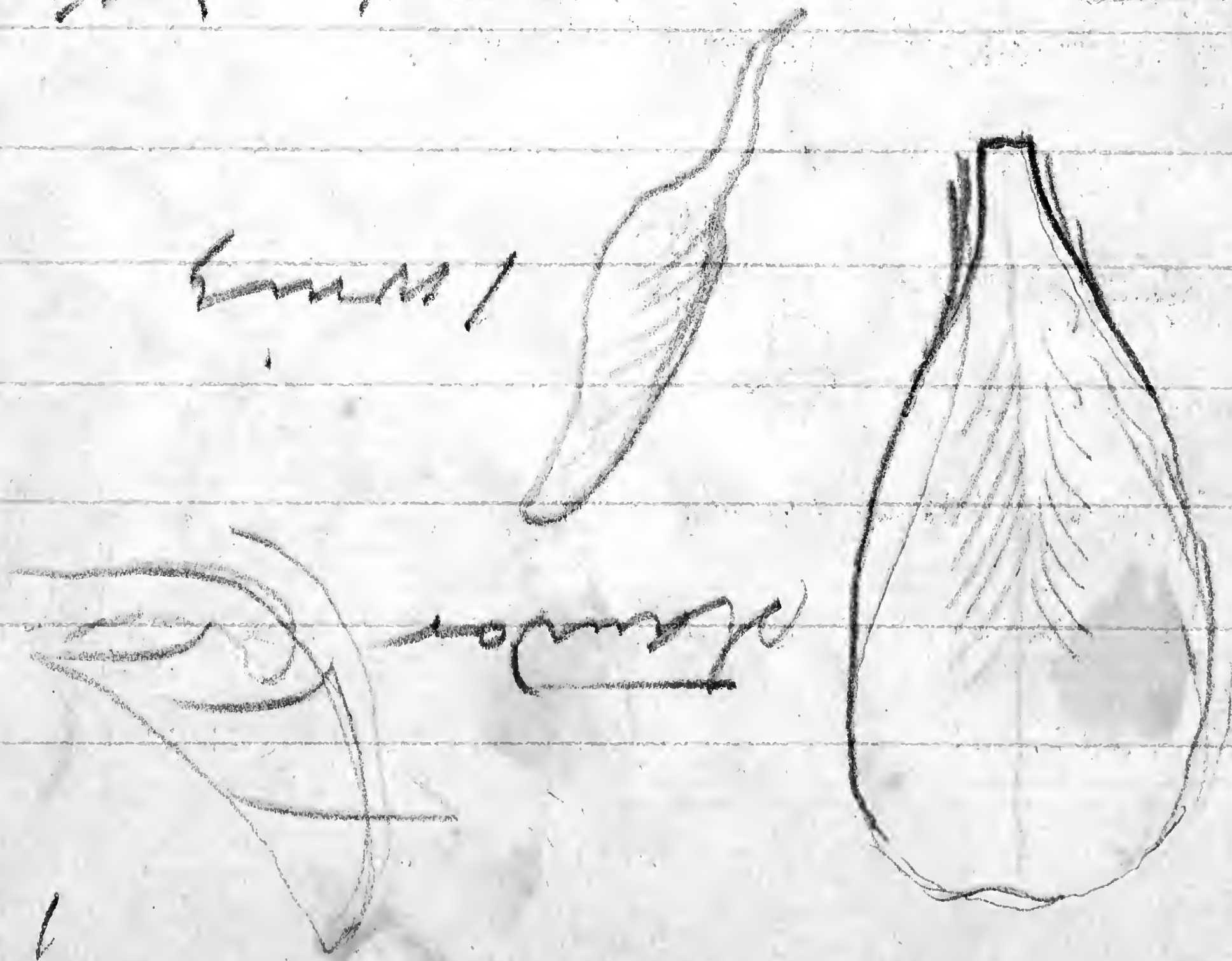
purple, with darker markings

on the standard, standard

large, enclosing keel,



Stamens - 10, diadelph. (1-9) filaments
 Anther (1) anther rudate, 2-celled
 Pistil, style, filaments, ovary
 Ovary terminal, anther



Coll. July 3-1885.

Swamps near Elizabeth City, N.C.

Plant, 1st-2nd Smooth, muculent.

Stem, erect or ascending, hollow, cylindric, herb. anolog.

Leaves - 2 - Radical one long

petioled, the one on stem short.

petioled; (or elongate sag. - cordate, parall. veined)

margin entire, obtuse, stipule

of stem-leaf forming a long sheath for stem

Inflo. a close spike of blue flowers, with a large sheathing

Spatha (which does not enclose spike, ~~or cover~~) below flower stalk.

Fl-stalk, downy. (flow. in clusters of about 5, sessile & common base)

Calyx / downy in bud,

Monocarp. - two lipped, upper erect,

3 lobed, middle lobe broadest,

large yellow spot in middle; lateral

lobes linear, as are the three lobes

of the lower lip (see fig). Purplish

blue; base reddish brownish, downy.

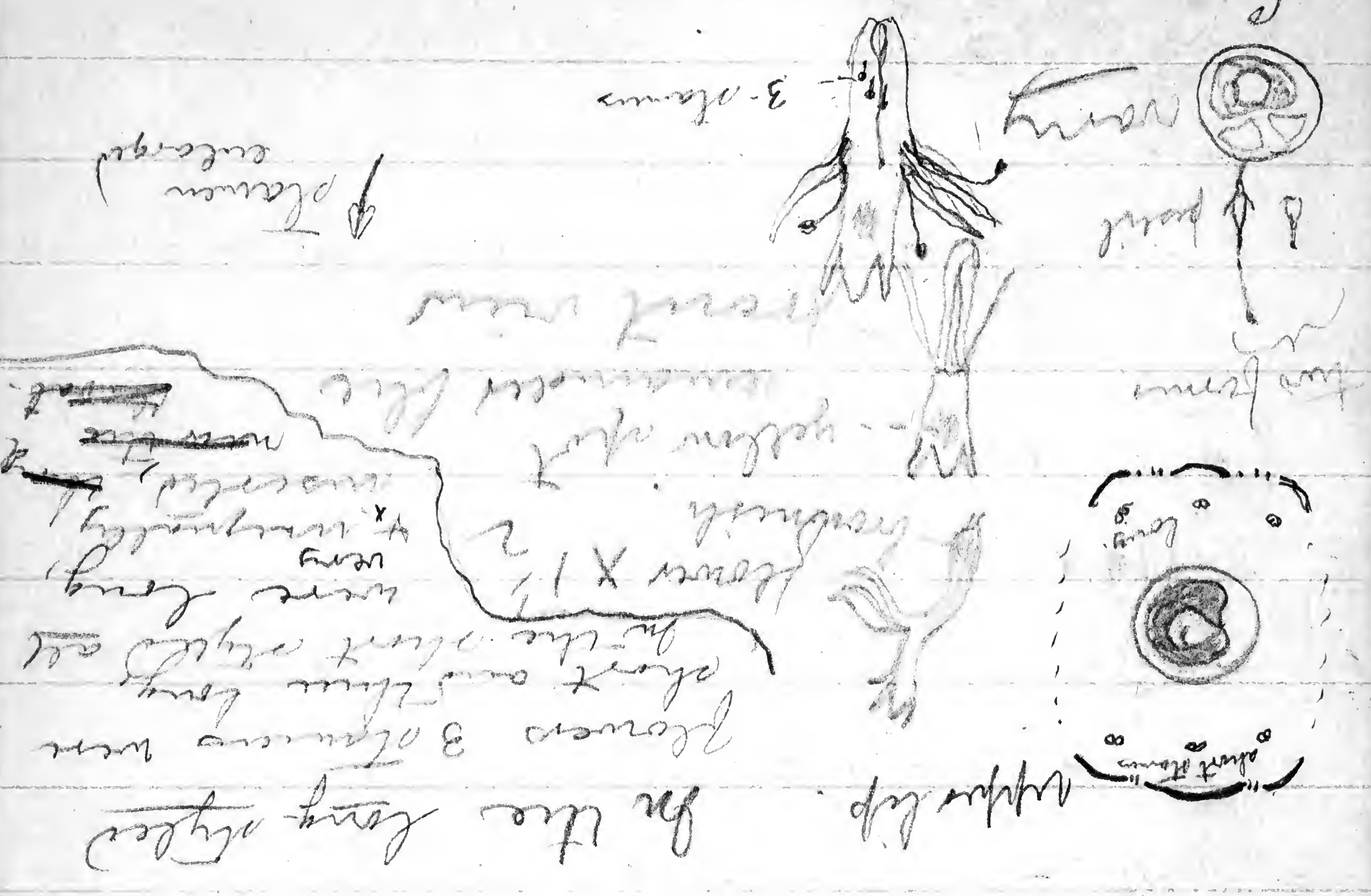
Colony circumscribed after flowering
 Stemon. 6 in 2 sets on opposite 14

one short & at bottom of tube, other long
 (on lower lip like fig), another 2-celled,
 annulate, 1 prop.-cell; irregularly marked.
 Petal. 1, simple, very upturned
 one-celled, style slender, included,

Stigma terminal.

Pontederia cordata.

Seeds humile. Seed on them.
 The flowers were of the same
 kind in each cluster.



Coll. July 3.- along R.R. near
Elizabeth city, N. Car.

Plant. 1'-1½' - branching, spreading,
smooth.

Stem. Exogen, herb, spreading,
~~or pro~~ cylindric,

Leaves alternate, simple, sessile,
linear, no stipules.

Inflorescence - in long slender terminal
& axil. racemes. Fl. irreg,
light purple, small, ^{green} bracted ^(the bract) = 1 to
short pedicels.

Calyx of 5 green, persistent,
lanceolate, slightly hispid sepals
which are slightly united at base.

Corolla irreg., 2-lipped, lower
larger, 3-lobed, lobes broad, rounded
nearly equal. there is a large double,
convex ^(palate) inflation in middle of
lower lip which closes the throat
almost; upper lip much smaller,
2-lobed, lobes rounded, reflexed.

tail short, light purple. 16
with long, slender horn at base 16

Stomach 4, lower part longer, with 1- cell (a); on tube of cells

Part, 1- cell, very numerous
2- cell, style short, purple, style terminal.

Limnaea canaliculata



Coll. July 3-'85 along R.R.
Near Elizabeth City, N.C.
Plant 12'-15' high, smooth,
succulent.

Stem erect, herb., exogen.
Leaves - Lower spatulate, upper
lance, or ob-lance, acute, with
pellucid dots, entire, sessile; no stip.
alternate.

Inflor. Term., close, ellip. spike
of orange-colored flowers,
short-pedicelled, with linear, acute
green, ^{or orange} bracts.

Calyx of 5, orange-colored sepals, the
two lower very small, acute; the upper
broad, ovate, acute; wings large,
ellip. or ovate, acute.

Corolla of 3, ^{orange} petals united, the
lower one crested, the other two
obovate, clawed, rounded.

Stamens 8, minute, 1-celled,
united into a tube by filaments.

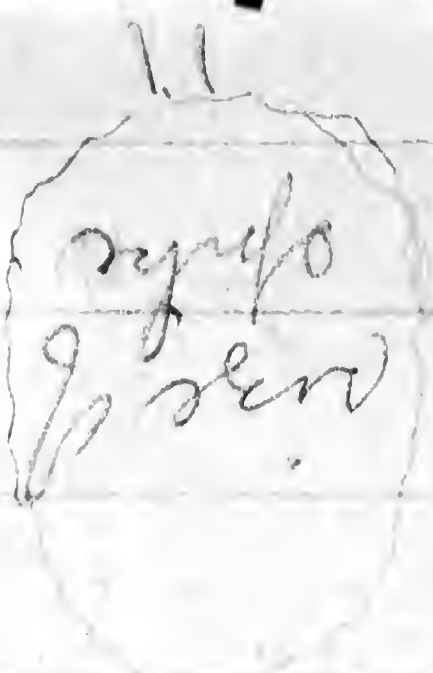
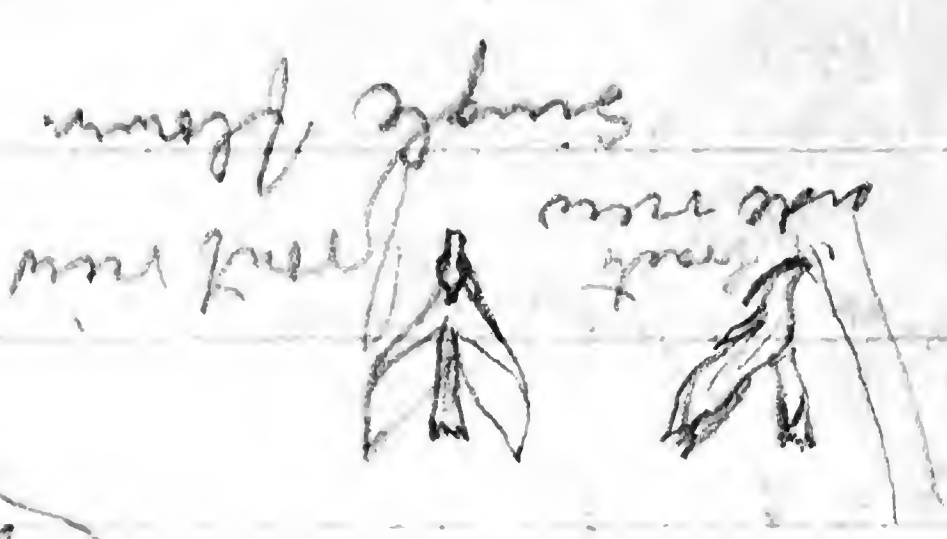
Part 1, very few, 2-3 cells
 1-ovule in each, style slender
 bent, clavate, 2 lobes of capsule
 nearly as long as the style
 hairy seed.

A showy, pretty plant

Polygala lutea

Amurum

found at same
 time. Fine
 woods.



Coll. July 3-1885. Pine woods
near Elizabeth City, N. Car.
Plant 12'-15' high, slightly
pubescent.

Stems, spreading (or procumbent)
herb, exog., slightly angled.

Leaves Simple, alternate,
tapering to very short petiole,
entire or with 2, ^{slight} lobes at
base, lance-ovate, acute, or acuminate,
netted-veined (pinnate)

Inflo. in short leafy raceme.
fl. large, yell. irreg.

Calyx, monosep., funnel-form,
5-lobed, lobes ovate; green,
somewhat hairy

Corolla, somewhat irreg, 1 long
yellow, 5-lobed, lobes round,
about equal; inflated, downy at base

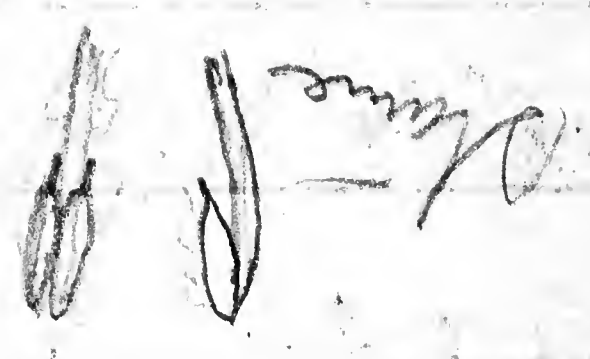
Stamens 4, on tube of corolla,
filaments thick, yellow downy, as
are the 2-celled, introrse, sagittate

anther:
 Pollen 1, comp. very abundant
 2-celled; style long curved
 stigma terminal, green.
Dasyctoma glabra
 Distances of anthers irregular
 lower leaves rug. bristled & glabrous

longer
 shorter
 narrow



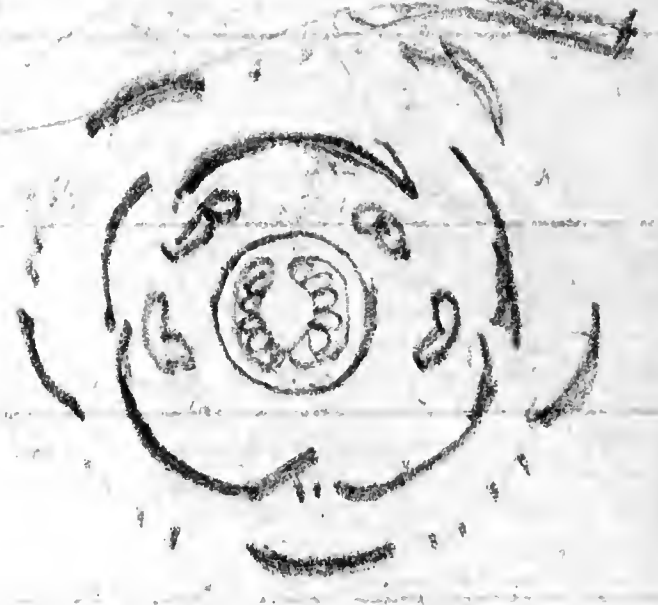
corolla
 split on under
 side



stamen



x 1 flower



2 leaf



Spiranthes graminea.


Col. July 3. Along R.R. near Elizabeth City, N. Car.
Plant 12'-18' high, simple,

Stem Erect, downy above, simple, androg., herb.

Root - a cluster of tuberous roots.

Leaves - ^{Lower} grass-like, linear, upper more bract, - few.

Inflores - a terminal, spiral spike of ovary, ~~with~~ white fl. sessile with green (occasional-margined), ovate acuminate bracts, longer than ovary.

Calyx. White, downy, parts nearly equal; three upper united partly, the two lateral lance-linear, lip channeled, curved downward at base, apex crenulate, two tubercles at base. lip of  side view

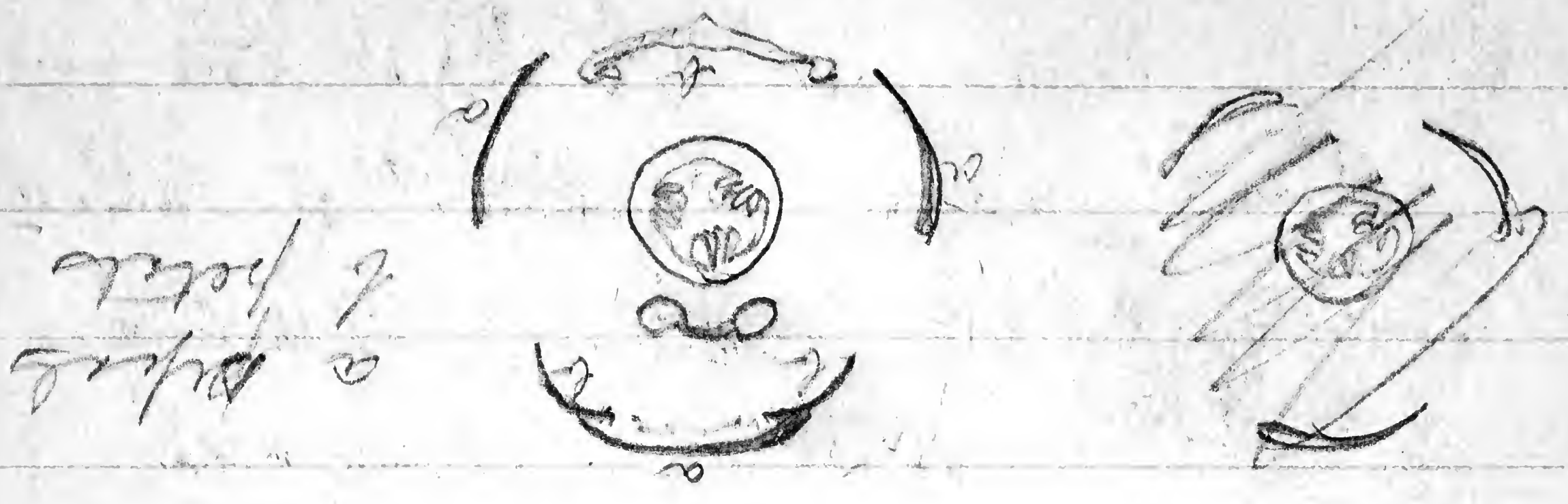
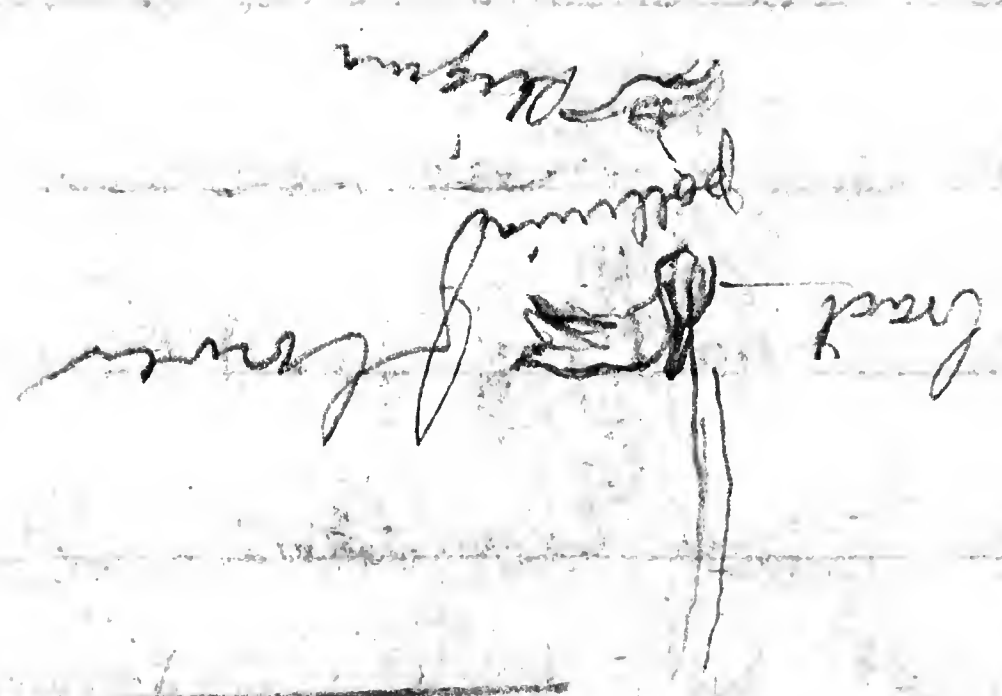
Stem, 1-2 cells, pubescent

by leaves over the stem

Plant 1 comp. very uniform
down, 4 cells, 3 fascicled plants

or 10 minute, numerous.

Styrene green, acute, acuminate
(5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15)



Coll. July 3-1885. along
R.R. near Elizabetts City, N.C.
Plant. 2°-4° long, climbing by
tendrils developed from axils buds.
Stem - Prostrate or decumbent,
herb. (or slightly woody at
base) exogen.

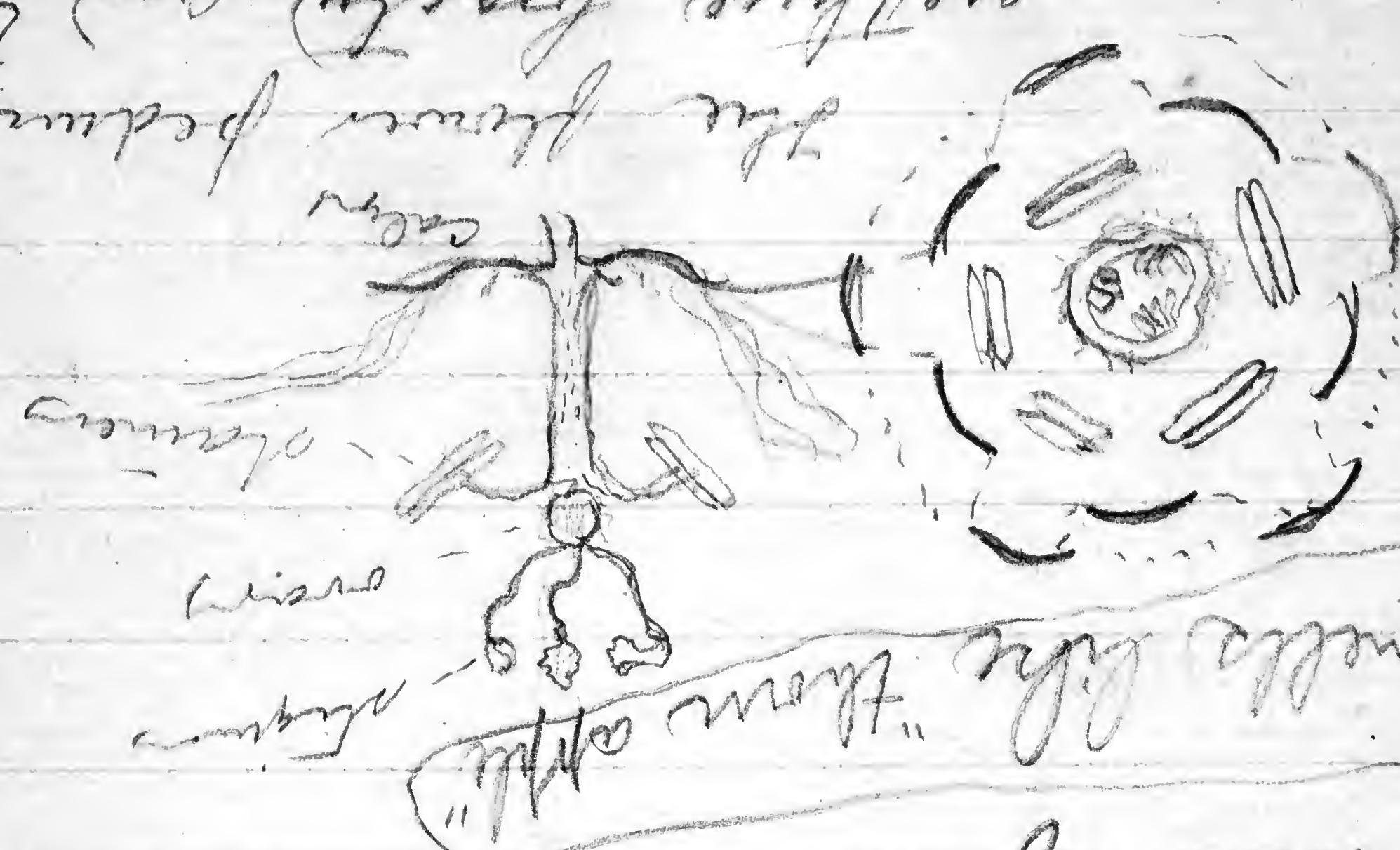
Leaves alternate, simple,
long-petioled, 3 parted, downy
ovate, acute, finely serrate,
palm. net. veined, base cordate.
Inflores. Large showy flower
on long peduncle, from
axils of leaves.

Calyx ~~monophyllous~~ ^{five-divided}, spreading
divisions long, elliptic,
expal. simple, green (white ~~at~~ within) with
a "horn" near extremity.

Corolla, white, of 5
long elliptic spreading petals
which are on cup of calyx.

leaves have 2 glands at end of petiole next to leaf.

the flower peduncle axillary bracted, and the



which is on edge between stamens + corolla 20; 24

filaments of the stamens purple in about 5 mm, those of outer two equivalent to corolla length.

Stamens 5, filaments united into a ^{purple} tube around peduncle of ovary, the remainder soft, flat, ^{yellow} white, forming the long, 2-celled, vernate anthers.

Style, very on long peduncle, 1-celled, 3 partite placental, 3 filaments 3, pinkish, curved back, ^{large} stigma.

Passiflora muscivora

Smells like "thorn apple"

Saururus cernuus

In marshy places along
R.R. near Elizabeth
city, N. Car. July 3-85
Plant - 2-3' high, branching
smooth.

Stem erect, angled, herb.,
exogen.

Leaves alt with small sheathing
stipules, forming wings along
the long petioles, entire cordate
acuminate, pinnate-netted veins
smooth.

Inflores. in long, tapering spike,
recurved at end, fl. from small
bracts, naked, perfect; spike
springs from opposite of leaf.
fl. white.

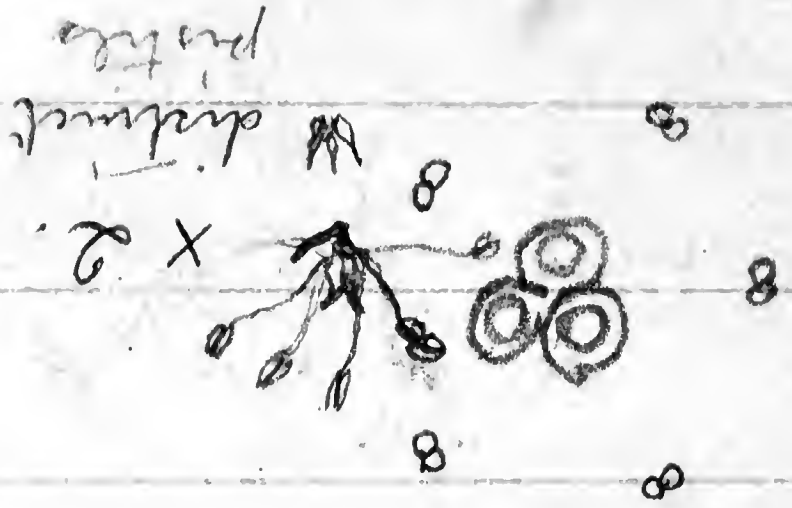
Calyx & Corolla none.

Stamens 4-6 ^(most commonly 5) on long slender
club-shaped filaments, ~~filaments~~

Anther 2-celled, small, imbricate.
 Pollen 3-5, usually three
 multiple sacs with short style
 & terminal stigma, more or
 less united.

A large plant growing
 in swamp. 3'-5' long.

Spoke



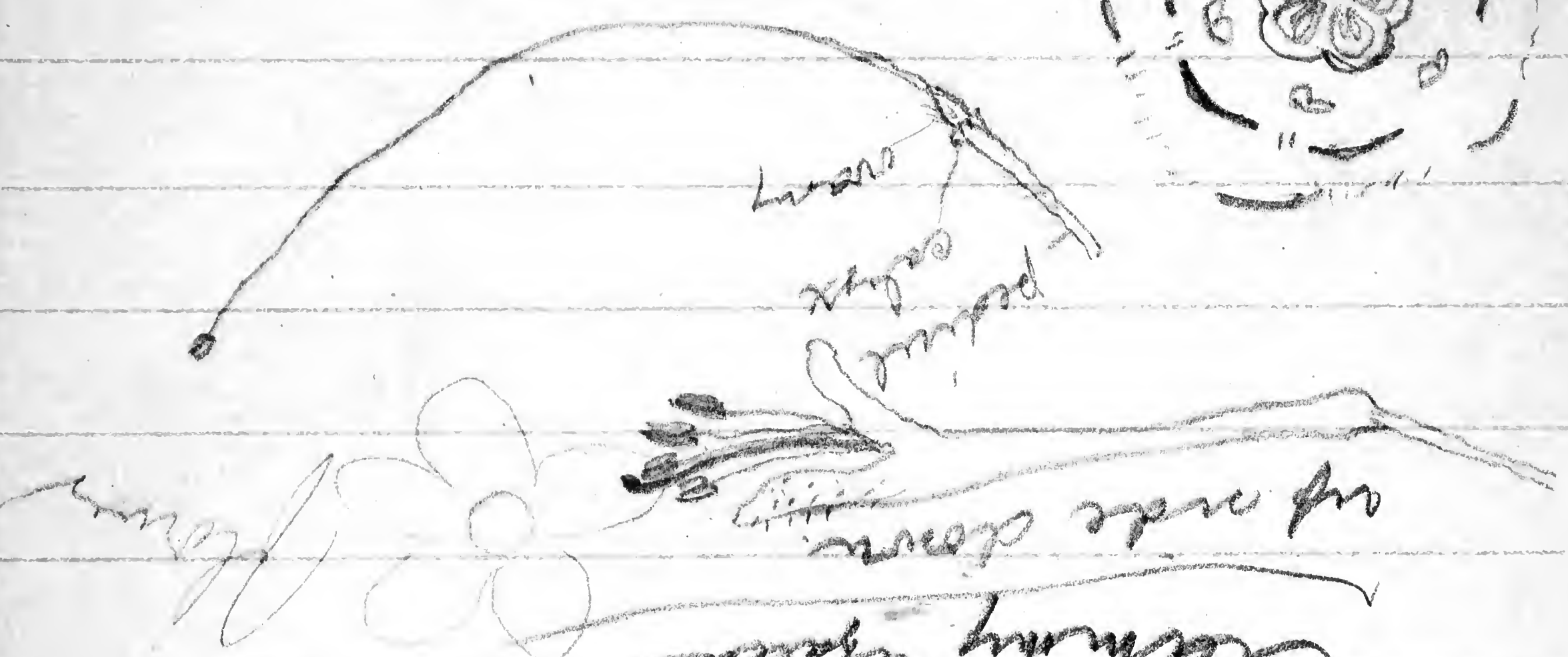
Coll. July 3. along R.R.
 in wet place near Elizabeth C. N.C.
Plant - 1^o - 3^o high much branched
Stem - Shrub, spreading, exogen,
Leaves Borne in clusters near
 extremities of long joints or
 branches, alternate, short-petioled
 obovate, acute, finely-serrate,
 downy on midrib (as are the young
 branches which alone bear leaves)
Inflor. Very short few flowered
 racemes, of white, irreg. fl.
 terminating the young branches
Glyx reddish, downy peduncles
Ovary minute green, with 5 minute,
 fringed lobes.
Corolla long, tubular-funnel form,
 white, with red tinge, 2-lipped
 upper ^{& lower} lip dark-glandular-hairy
 (with a few over the tube), upper lip
 3. cleft, lobes ~~rounded~~ ^{acute}, equal,
 cohering somewhat, the lower

Oct 2-1884. Note
 flowers several, long slender,
 filament showing out from within
 minute yellowish brown, 2 cells
 cylindrical, 1-2 cells, for white
 petals, many appearing during
 5-6 cells, colored.

Ayres
 no can (2)

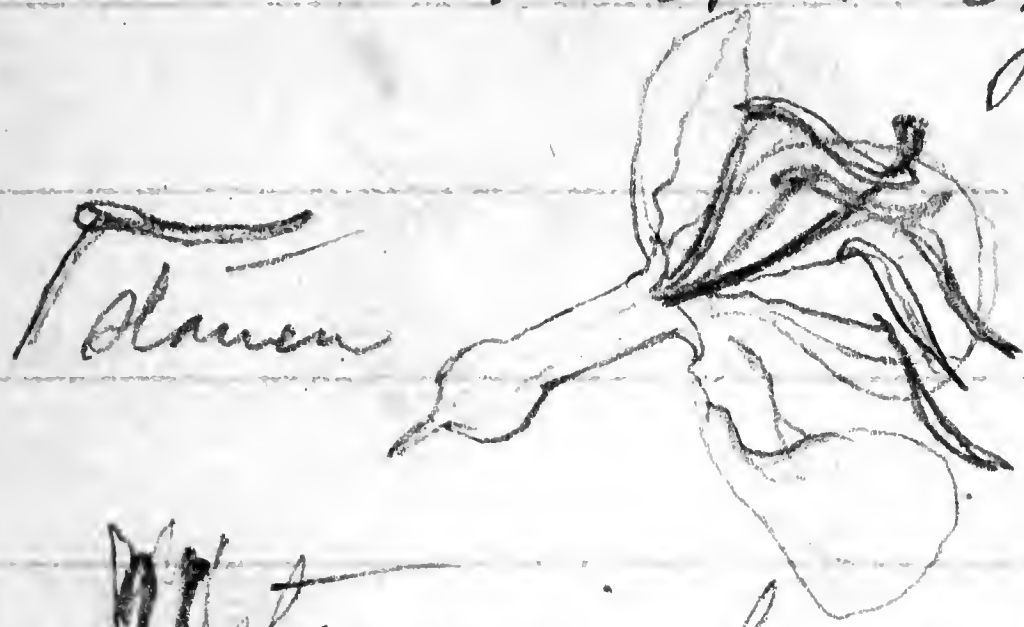
Clammy spots

at side down

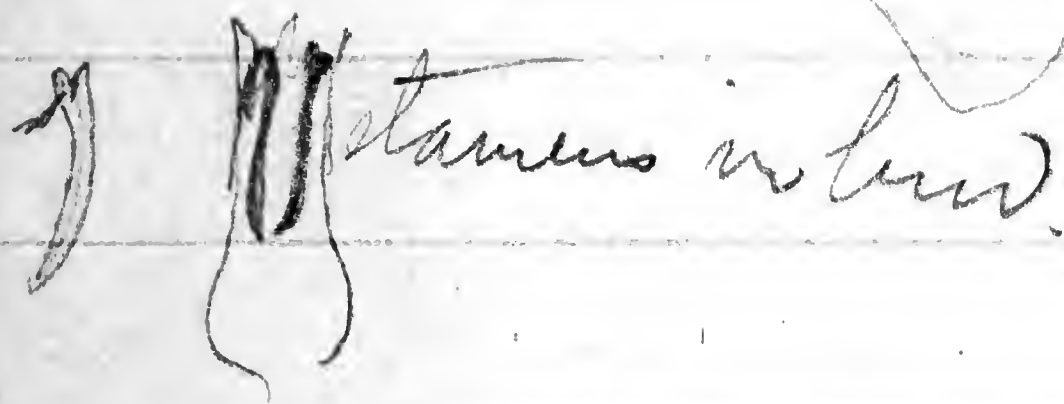


Some of the young leaves are bristly above.

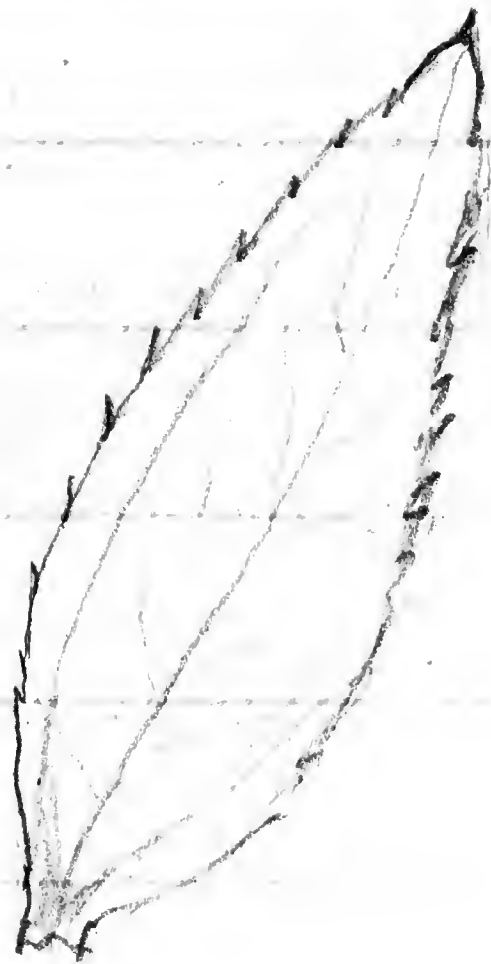
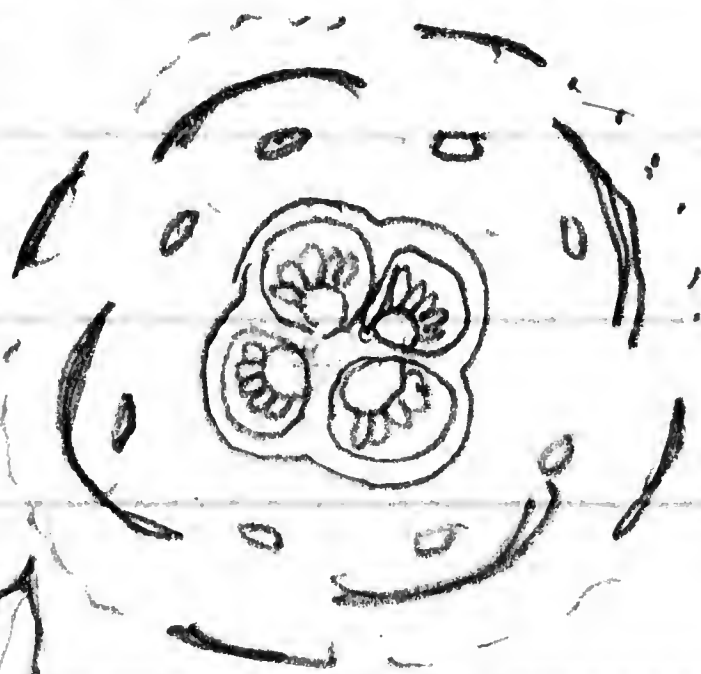
Collected July 6th 1885 along
R. R. near Elizabeth City, N. Car.



Flower with 1 petal
removed.



Stamens in bud.



Rhexia
Mariana

Plant. 12-15', whole sparsely
covered with long brownish bristles.

Stem. herb, erect, hairy, exogen.

Root. Primary, with many slender fibres.

Leaves. lanceolate, simple, opposite,
crispate, almost sessile, covered
with sparse bristles above & on veins
below, margin sharply
serrate.

After. *Distemonia*, fl. in *Terminalis*
 segments *paniculata*.
 Cylind. from *shaped* (see fig) green,
 tinged with purple, *sparingly* hairy,
innervated, with 4, acute *first* *lobes*.
 Corolla of four ^{partially} *red*, *basally*
fruits, *rounded* petals which
 are inserted on tube of calyx.
 Stamens 8. (size & form see figure)
 another 1 cell, filament *innervated*
 orange (from yellow) *rather* old,
 Pistil. *conspicuous*, *ovary* 4-celled,
 ovules many, *suberent* style
 long, *exserted*, curved, *oblique*
terminal.

Coll- July, 7th 85. Swamp.

Near New/Bene N. Can

Plant 12'-18', smooth, acaulescent.

Root - ^{from} a coated bulb.

Leaves - 1, lance-linear, grass-like,
acute, 6'-10' long, smooth.

Inflo - A 4-6 flowered raceme
on long, slender scape; fl. vivy,
serice, small-bracted

Calyx Sepals 3-ovate, acute, sub-
equal, lowermost narrower, pink-
purple.

Corolla of 3 petals, 2 lateral
oblong, acute, the upper
wing (see fig) bearded with
yellow & channeled, all pink
purple.

Stamens 1. pollen mass
virgin, 2. (for position see
fig)

Pistil, Style long, curved,

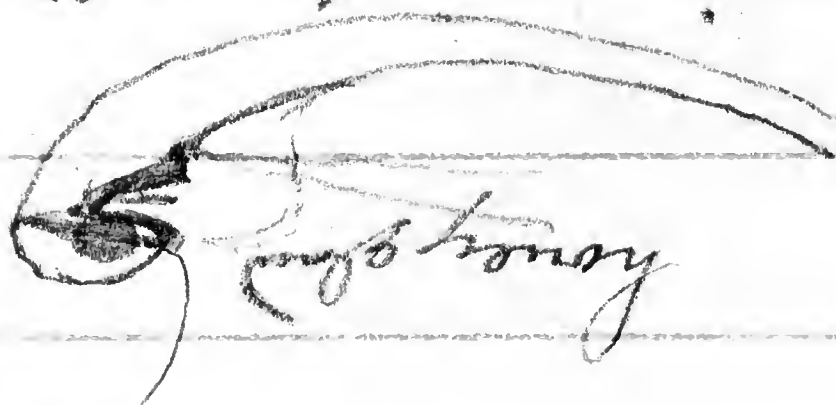
pink-purple, stigma slender

acanth

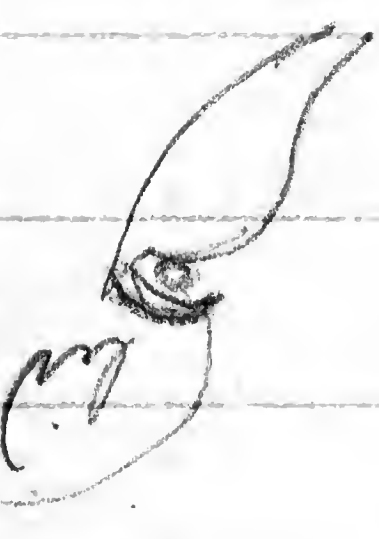
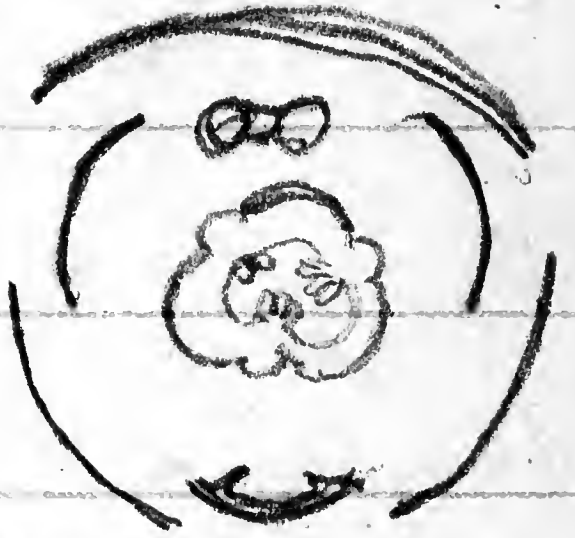
* Abney, May 1, 1882
3 plants flowering
(green & white)

Calophyllum
pubescens

young specimen of
pubescent

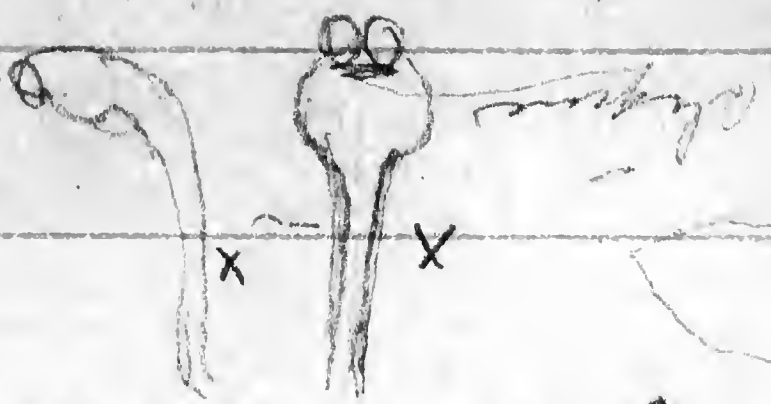
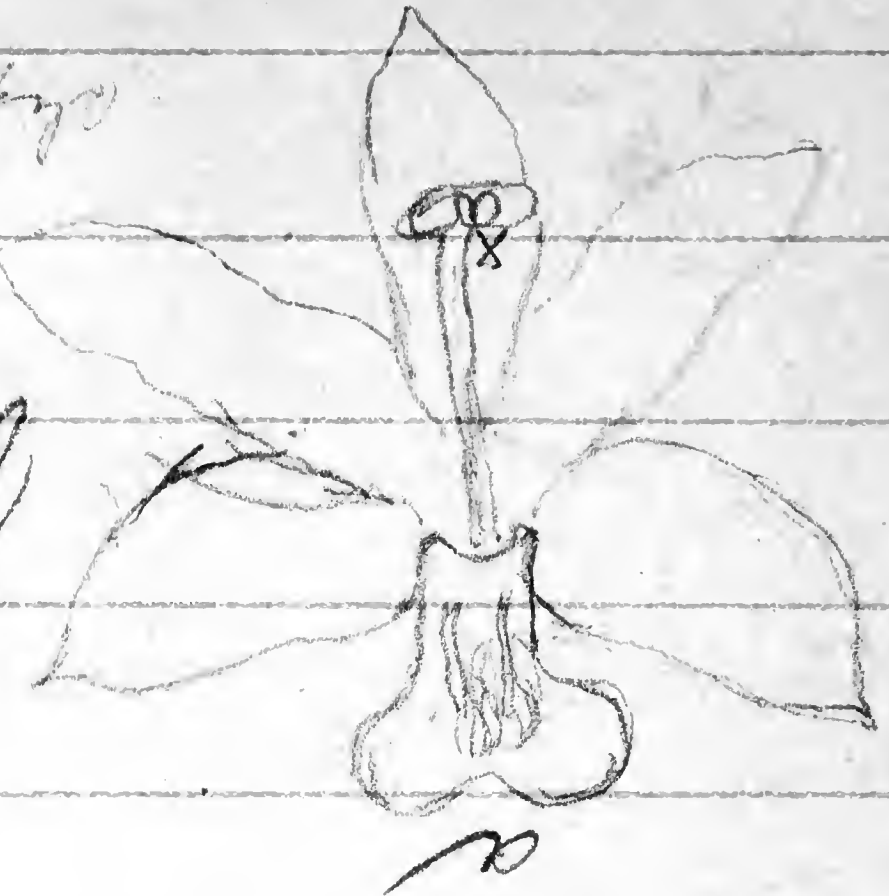


when most ripe, in bud
pollen rich, when
with anthers, style 5
stigma



but
pollen
rich
with
anthers

others



front view

side view
(a)

July 7-'85 Along R.R.

New Bern N. Car.

Plant, 1-4' long, twining (by stem) smooth.

Stem twining, herb, exogen.
branching

Root, a long tuberous root (1)

Leaves, Compound, primarily 3-foliate
pinnate, stipules scale-like,

alternate, leaflets ovate-lanceolate, cuspidate, couple
of white bracts at base of each
leaflet, entire,

Inflores fl. in short, peduncled,

axillary racemes, two green
calyx-like bracts at base of
each flower.

Calyx, green, 5-lobed, divisions
acuminate, covered with sharp
hills.

Corolla papilionaceous, large
showy, blue (purple) with stand

at base of leaf

very large, long

very narrow, flat of 2 parts

pointed to above, others

Stem 1-9 (small - etc)

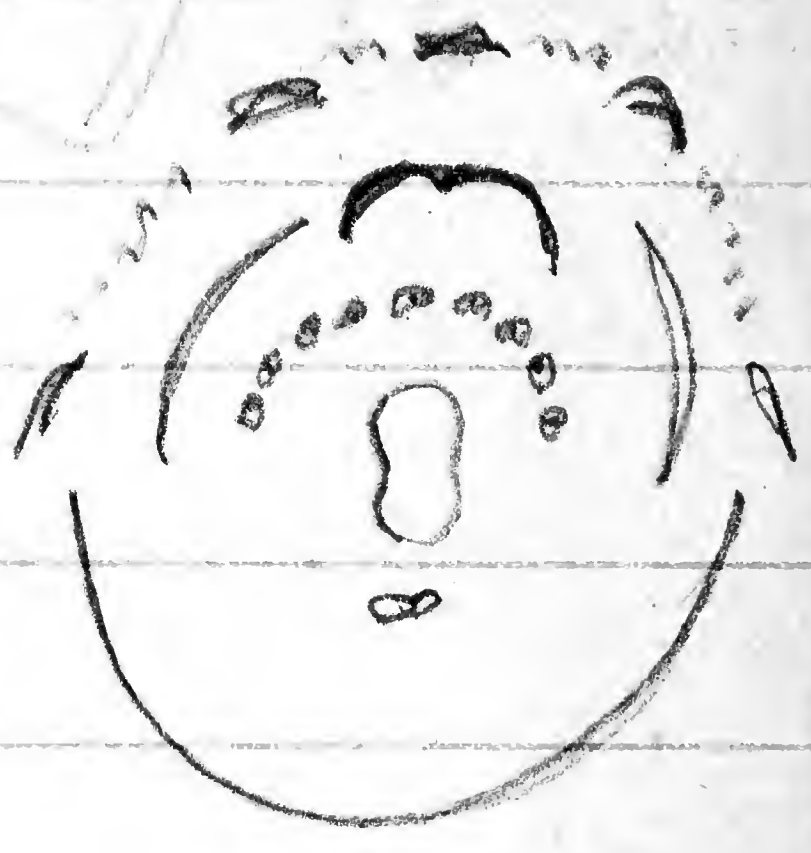
Point, stem, flat, part flat

are called, very narrow

Stigma slightly flared at apex

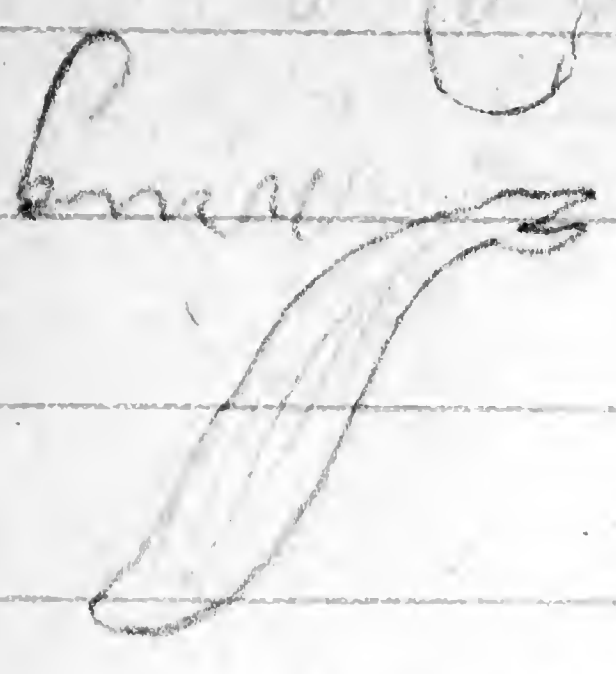


fruit
view



Clitorea mamea

long narrow



a fruit, black

a-bract
b-calyx
c-wing
d-standard



July 7- '85 along R.R.
 New Bern, N. Car.
Plant 2-4', forming matted
 clusters.

Stem - twining, herb, sparsely
 downy, brownish.

Leaves - simple, alternate,
 very short-petioled, elongated
 cordate, cuneate, wavy
 margined or entire), pinnate
 downy above & below.

Inflor. Fl. in ^{axillary} clusters (determ.)
~~Solitary~~ on long
 slender peduncles from axils
 of leaves, each with 2-calyx-like bracts.

Calyx of 5, green, ovate, acute
 (sharp-pointed) sepals.

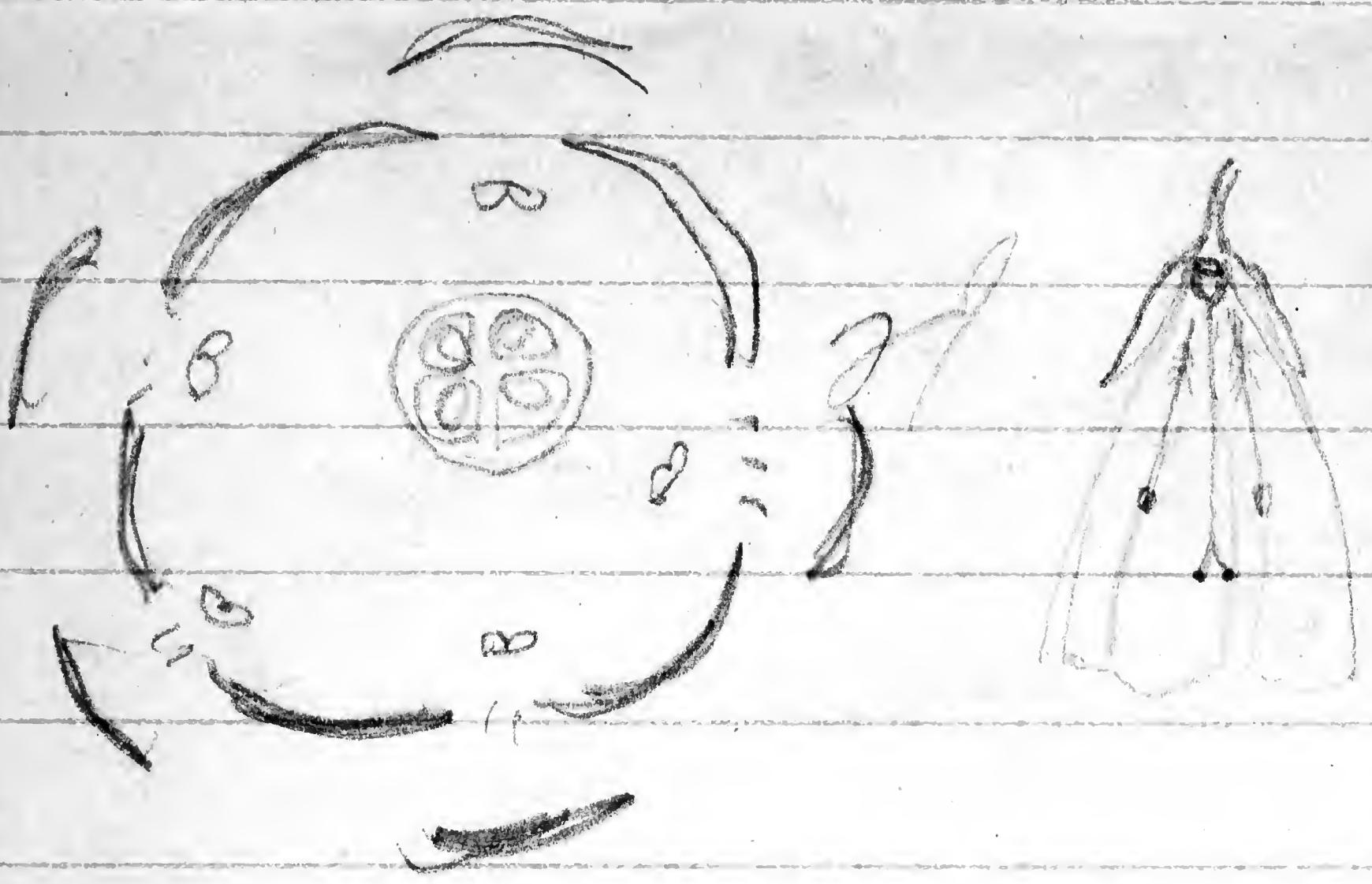
Corolla - Monopet. - white, funnel-
 form, 5-lobed (somewhat), lobes
 rounded; hairy on outside &
 at base internally; plaited &
 convolute in bud.

Stamens 5, on tube of corolla,

filaments from at base, tapering, white, anthers
 green, 2-3 cells
 pink, very narrow (in
 cross) 4-celled, style slender
 white, stigma 2, minute.

Benavata humilis (Gray)

Forma foliolia Nuttall
 same here & there,
 flowers very pretty.



39

Coll. July 7-'85. Along R.R.
New Berne, N. Car.
Plant 1-2°, slender,
stem, erect, herb, ~~long~~ hairy
exogen.

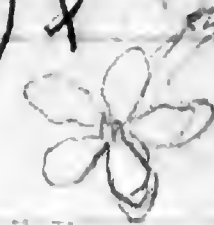
Root - small, simple primary.
Leaves Opp. simple, sessile
downy, slightly serrate toward
apex. Lower spatulate, upper
linear.

Inflo. Fl. in long slender
raceme (panicled). fl. regular.
Calyx tubular, ribbed, purplish,
slightly 5. lobed hairy, with
3 bracts at base.

Corolla purple, salver-shaped,
lobes 5, obovate, rounded,
tube hairy, ~~inner~~ ^{also inside, especially} _{at mouth}
Stamens 4, on tube of corolla,
minute, anthers 2-celled, black.
subulate!

lens 1

of



Pile / covering surface 2
 cells, style short, stigma
 flat, all shorter than style.

Coll July 7- '85 Swamp!!

New Bern N. Car.

Plant 8-1/2' high, smooth.

Stem, slender, much-branched

brown (woody?) at base, much branched.

Root simple primary

Leaves - minute, scale-like

green, opposite.

Inflor axillary, solitary, minute, short-pedicelled.

Calyx of 5 linear, small green sepals.

Corolla of 5 narrow, yellow

petals (larger than calyx) circinate when withed.

Stamens 5 (possibly 7?) filaments

slender, anthers minute yellow.

Pistil, 1-comp. ovary 1-celled

3 parietal placentae, styles

3, stigmas 3, terminal.



Thybericum
parviflora Muhl.

A. graveolens L.

Coll. July 7 - 85. Swamp
 New Bern - N. Car
Plant 15'-20' high, smooth.
Root -

Stem erect, herb., endog.
 woolly above.

Leaves alternate, "equitant"
 (claspung, acute, flag-like
 scimitar-shaped).

Inflor. A woolly, compound
 terminal indeterminate cluster.

~~Calyx~~, fl. pedicelled, ^{bristly} bracted

Calyx, bulbous, 3-lobed, lobes

linear, acute, woolly, yel.-green

Petal Petals 3, lanceolate,

woolly beneath, inserted on

Calyx.

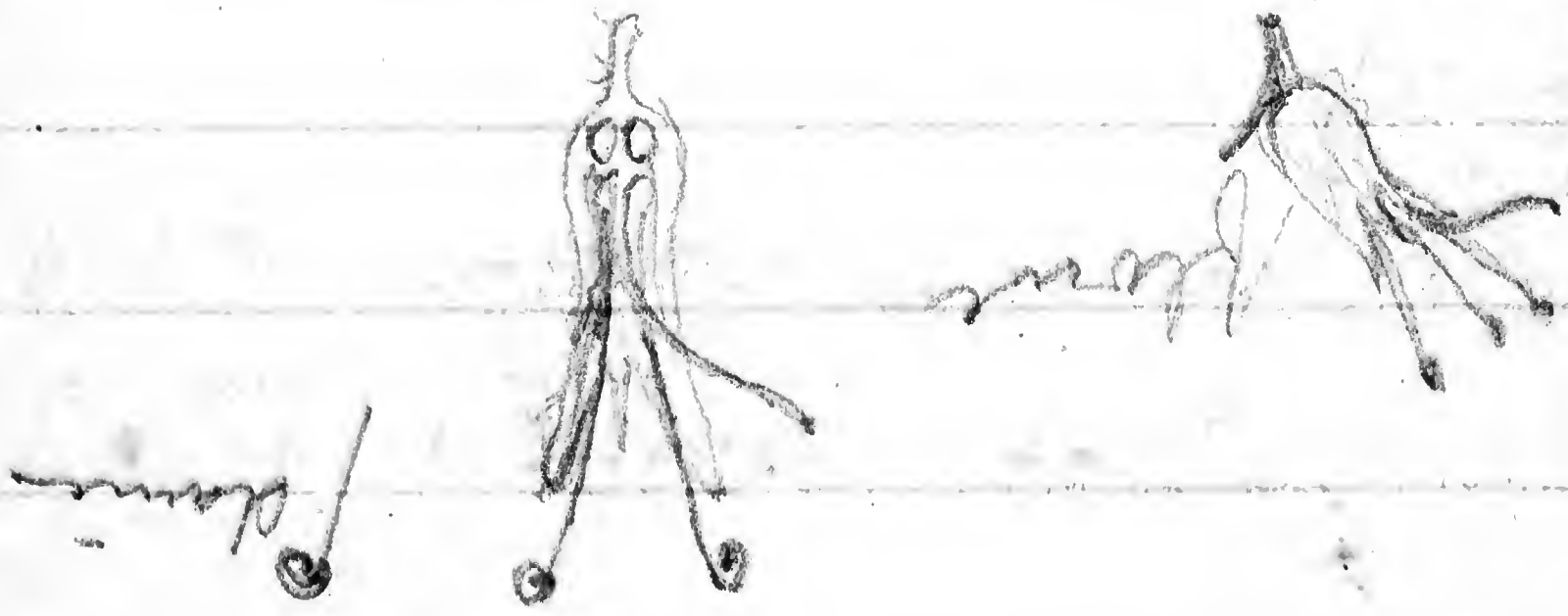
Stamens 3, on calyx, erect

much exserted, anthers 1-celled,

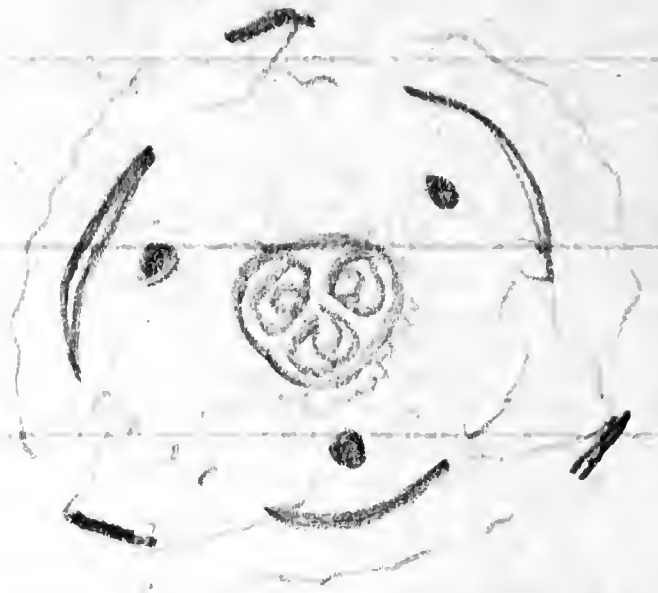
circinate (anthers) (just at

base of petals).

Pistil - Style bent to one side =
to stamens, exserted, elongate
terminal, many 3-cells,
on the side of peduncle.



Lachnanthus
tristoma
(2)



July 28. Return Makohine
4 New Gene

^{entire}
petal x 1. light
yellow.

Plant - 18' high - smooth, slender
Stem - erect, simple, exoge
herb. very slender

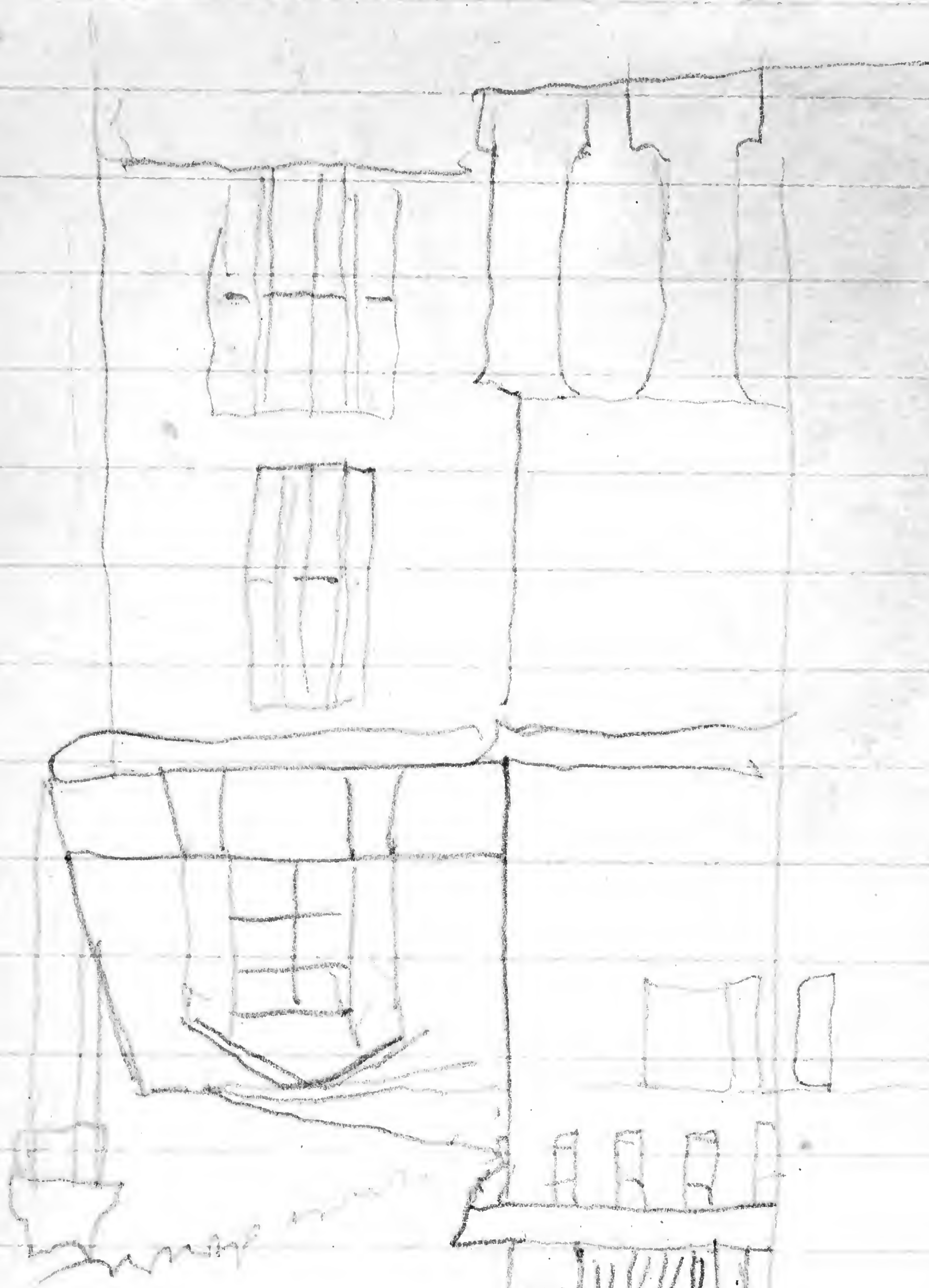
Leaves - small ($\frac{1}{2}$ long), ob-lance,
acute, ~~entire~~, serrate, serrate-alternate.

Inflor - Setae, few flower
cyme,

Calyx, monophyllous, five-lobed,
divisions unequal, acute,
green.

Corolla of 5 obovate, obtuse
pale yellow, short ^{new} ~~clawed~~ petals
Stamens





Sept 2. 1/11

at 7:00

at 7:00

45

11
 12
 13
 14

22

4/2

2



72

20

22

22



2

2

2

W

22/10/20

Bay Johnson
 8th Regt
 1st Div
 1st Regt
 1st Div
 1st Regt
 1st Div

Orange

4 + 5 - Bugula -
6 - Liliopsis - 1

7
8
9 } Pennaria
10

Sycalpheus - 9.

Agar box trabs } Cerradilla 17
 } Pennaria 8
 } Bugula 1
 } half-crab - 1
 } Pipe fish 1 - vis

Box - Norfolk Island
Berggard's bay Cephalopods
Alex. coral - Norfolk I.

Box 2

12 large & about 12 small
Libinia 4 3 Lady crabs

Box 3

Lobsters - 14

Libinia - 6

Box 4

Limulus 2 small

Bulla solitaria

{ Littorina undulata

{ Tritia tris

Ensatella ann - 19

{ Pupa lefilla

{ Hermit crab. -

Modiola modiolus - 30

Oreodula formid

{ Venus mercenaria 5

{ small shells So. D. mouth

Paracerasia -

Starfish - 40

Secretary of the Smithsonian Institution

1872
Smithsonian Institution
in session 1861 - July alone
a small collection of bones

Leaky cracks. — 15

Burgundy —

Cole, Alice

Wendell

Peterson, Phyllis — 50


Planned and arranged

Myra Carson 2 types

Mythical cattle 125

Visited the old S. Church
in Boston, Aug. 17-85.
On the N. side (inside) can
be seen the large window (?)
(like back of our court-room)
through which "Warren
entered to deliver his
famous oration in the
Boston manner.

Saw a picture of the
"Landing of the British
on Bunker's Hill, 1768,
'engraved, printed & sold
by Paul Revere."

Saw one of the old Roman
leather caps. 

Price of dress worn by
Dorothy Quincy when married
to John Hancock. Reblair's
needle & victrola.

around 1000 ft

well for.

"Mudstone" cap 1000 ft. A. Anderson

bottom to 1000 ft. 1575

lowest part which was

around the bottom

draining cap of 1000 ft. W. W. W.

Washington about

Hammond Farming

Barber's field owned by

grain etc

Ant. Alt. of 9. W. W. W.

Dec - 1798

Antiquity Alt. of 1000 ft

The English

From Equitable Building.

Monument - Various (see map.)
Capitol.

Capitol (Giles) down

mon.

Sol. 9 A.M.

Když popisovali buď
cestu z B. do E. a okolí
E. buď na následující
místa a okolnosti zasluhovali
zvláštního povšimnutí.
Z B. když se vyjízdi byli
kráse a ostrou; dale
viděti bylo vřude (když tomu
destine, mlhavé povětrí
dovolovalo) břehy moro-
anglických oblastí, místa
kde vybitali ryby, neb
špiče, mnohem zřejmější.
Do P. jsme přijeli když
bylo čtvrt do 4 a vyjeli
jsem v pět hodin. Bál
jsem se daleko odchvátit
a zdržel jsem se u lode.
Odpoledne se vyjasnilo, avšak
bylo chladno dosti, tak
že většina cestovatelů měla
bílá svetrníky aneb
těžké sátrky.

Víc takováta může
byti nejen velmi za-
jímavá, nýbrž i po-
dobná jako rozličné
zkusnosti, aniž mohou
vždy sloužiti co učitelové
v budoucnosti, a
při přiblížení podobného
spisku mysl vždy
může zavítati zpět v
ty časy, kdy dojem
málem byl, aneb
kdy věc se přihodila
aneb viděna byla.
Jakožto má přirovnání
valí se pak v paměť,
jak zapisují slane
se přiblížení podobných
zápisů.

Jas. kerne jedním
hoblováním!

On paper we are early
magnificent people who
are we men when we
are well, my dear sister
profoundly a domestic
individuality, the woman
we to live a modest
alone for ourselves
in harmony & peace
in living for all
her job brings us
on in many ways
deeper religious work
difficulties, yet joyful
moments, a whole
body working, doing
best, perfect beauty
as men and women
I think, give us the
large freedom given

from 5 to 6

Parasitophorous

8 a.m. from a little

below in the water

the water is very much

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

of some kind

3-7
Longfellow's "Hesperus" (2)
was east ashore.
The breeze strong,

59

61

62

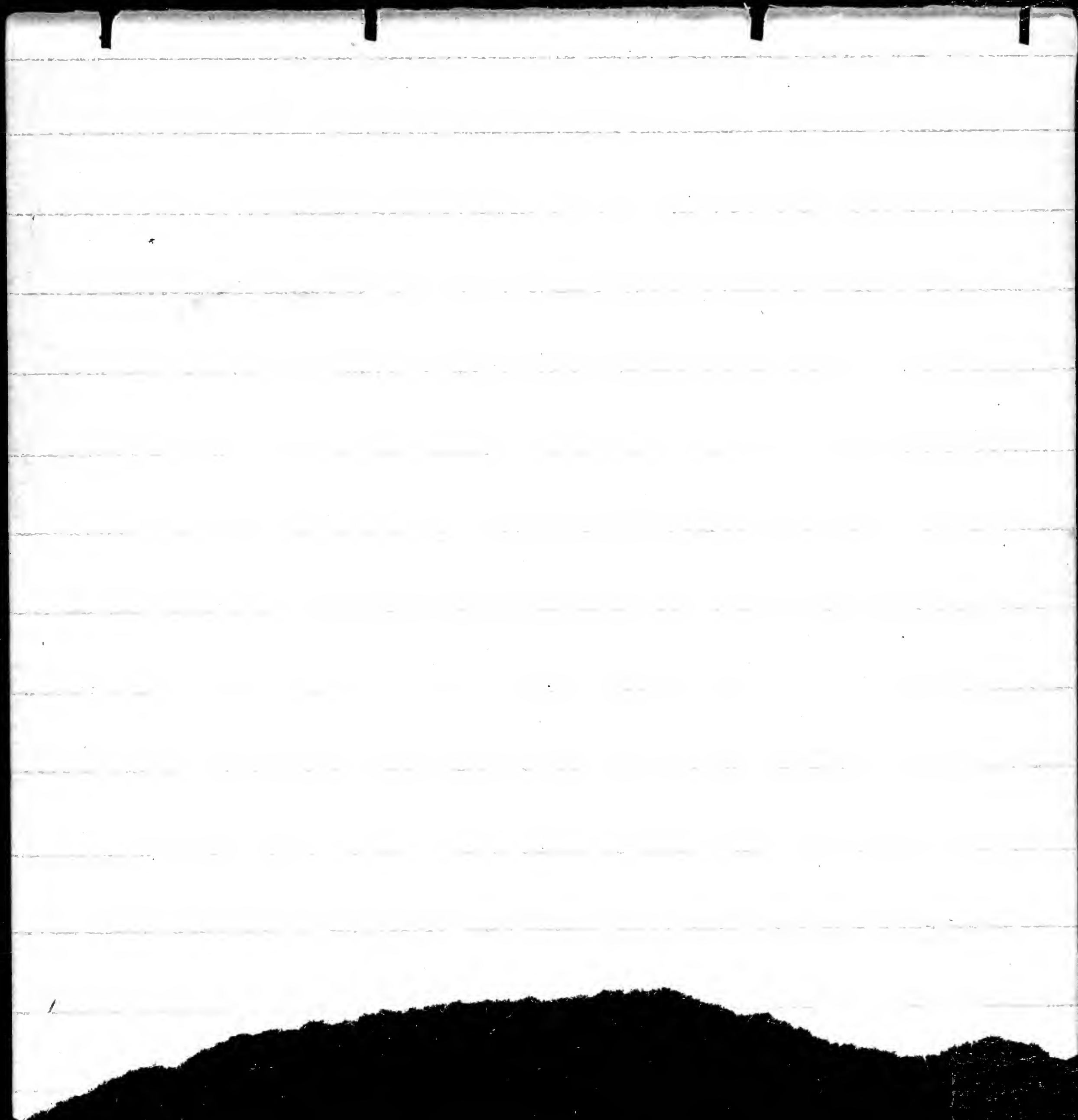
63

65

67

71

73



46

77

79

81

82

83

48

83

87

1000
1000
1000

9000

33.57

123.51

33830

55.10

160.85

122.35

A-13. 200

B-C 250

D ~~200~~

123.51

123.87

247.38

122.24

120.10

~~19.34~~

495.47

123.870

123.87 1.00

207.11

12

10 $\frac{3}{4}$

9

$\frac{81}{9}$

123.51

55.10

68.40

C-D-261.

B-A-5

A-B-151

417

367,19 Total Enforce mechanism

160.85

May 1st estimate

528.04

55/10

" 2nd

"

583.14

2nd estimate

1st report

2-3-

~~2~~

when 11th 4th 6th

2nd report (taken off)

2-3-

461

"

200

400

2-3-

315

"

250

"

2-3-

547

"

200

"

Total original

742.85
 583.14

 \$159.71

Boys.

in

261
 189

 1949

41881
 1881

 41881

27
 176.5

 180.5

4764.0
 228694

 216220

54
 1000

 54000

200

of

200
 177

 377

5.9
 47200

 330400

8.5
 33000

 33000

93

46

95

99

001

when he occurred
 been a while
 he observed the
 women that these
 who were church
 men around and
 visited the church
 of them for
 of which he
 made a note
 of the fact
 that he
 saw outside
 of the church

I took the 12 M
train & reached
Boston 12⁴⁵ P.M.
Did not go to Prochips
but went to India
wharf to ask about
steamers (Portland)
then went to depot
again. Stopped in
the parlors of
South Church of
Boston. 20c
admission. Saw
the woman through
whose name
entered to deliver
his famous oration
on the Bostonian
also where Washington
stood in the gallery
facing the door

17

During the first part
about the first part
found that the
ground was not
much 800
meters. It is 950
meters. I went to
about 700 ft
from section (35 ft)
and used the
at the same time
found much more
with the section
but in
the first part
of the section
to the 300 ft
to the 100 ft
to the 100 ft

Jos. Geman
Mr. Blaha

Jos. Novak - 3. N. York
Jan Pisek - exper
Matej Konla - publd
Karel Vejstok - pres

Alb. Svec

Jos. Krulda

Jos. Konla

Jos. Kadlec

Before we dispersed I
also met Jan Vogltanz
of 148 W 9th St
So. Boston

A few stichi
called on Jos. Novak

Jos. Geman, Mr.
Bulvik the cigar
maker & took
something at all
of these places.

Aug. 16 Sunday

Spent the morning
with Professor
not there in P.M.

After dinner in

the way to C.S.D.S

arriving (stopped) at

Dr. Lorne's no. 50

3:30 p.m. with Dr.

General with whom

I went to the wedding

since Professor had

to go to Oshawa

and to play

golf with the family

of us in the morning

He and my wife

After meeting me

at the car-ran

of lunch

There were

I had to send to
N. Bedford for Alcohol,
Arsenic, etc.
The young fellow who
was supposed to
take care of the drug-
store, formed an
impression on me which
was most powerful.
He is unmistakably the
most sincere, conceited
lazy fop whom it
was my fortune to
see on my trip.
On the whole I was
glad to leave Wood's
Hall. It is interesting
~~enough~~ but I felt
not at all at home.
The region is picturesque
& romantic, - with endless
bodies of water, bays, etc.
9818

New York City
 with the
 that we heard, but it
 seems that the manufacture
 of new species of man
 and shells in the present
 office of the community
 there is a long way
 leading with a fine stone
 making, a smaller laboratory
 all over & beside the
 the old laboratory on
 Little Hunter
 the "Albion" the government
 near the river is at
 the dip of the
 community & also the
 "Lake Park" which
 houses a new
 section

Woods' Hole possesses
advantages which
might well be the
envy of many more
pretentious places.
The O. C. & R. R. connects
here with the New Bedford
& Martha's Vineyard
& Nantucket steamboats
and many people pass
through from Boston
& the North, on their
way to the summer
resorts in Nantucket etc.
The shores almost
everywhere are rocky,
there being only small
stretches of sandy (or
rather gravelly) beach
here and there.
The place is especially
interesting because

Nov 20 1900

we arrived from of
quite picturesque

location on a narrow

neck between Bay &
Bay & the harbor

after one point below

Little Bay (or old government

harbor & wharf &
the harbor

The country is hilly
& all the timber

from the night from

groups (from Norway

& found at a fair place

to get anything. There

is but one hotel (Hotel)

& the accommodations

are not at all first

for the visitors who

could be made to

come. For certainly

Aug. 14

In the morning found
many spiders on the near
ground-work. Cleaned
them & preserved well
& sent by express to
O. W. Anthony.

Packed during the
remainder of the
day & went to Fish Co. in afternoon.

Aug. 15

Finished packing my
boxes & sent two
to Jim & two to Anthony
(see contents)

Left at 10⁵⁰ for
Boston. Fare \$1.80.


Reached Boston by the
O. C. R. R. at about 1³⁰

P. M. & went by Bayview
car to Thos. Piochayka
264 E. 9th St., South
Boston. I put up there

Aug. 18
Rearranged the morning & found a
few more I found a
great & small to
Mammals, Mammals
no sound by the
forest, who had clear
on the lake. I saw
in Capt. H. to within
about 10 or 20 yds of it
in a clump of brush
from which, Mammals
many small Mammals
etc. etc. but not as did
my little, etc. much
to my surprise
This trip was interesting
& profitable

$\frac{1}{4}\%$ acetic acid. + $\frac{1}{4}\%$ chromic
acid

Aug. 11

Went out with lobster
man, to haul lobster
pots. Went through
Wood's Hole which
was then a seething
vortex as the tide was
going out. Went into
the bay, ^{Buzzards}  where
Hauled 17 pots & got
many lobsters. I took
14. Also several Spider
crabs, much *Panopeus* etc.

Aug. 12

Cleaned lobsters etc
about all day.
Tedium work, but
satisfactory in the
end.

Aug. 9 - Sunday
 With some more of the
 dry afternoon &
 went with Ray to
 (which is made up of
 mixed brush, trees)
 & some brush, some
 shrubs etc. Found some

Aug. 10
 Rode up 9th - just to
 again going south
 along rocky shore below
 "Oreodont" where I
 digged with when I
 visited with when I

had a long talk about
 before, including the
 etc. & when I brought
 the collection to me
 to see the museum
 for better results etc.

fish pounds

I got about 30 Loligo
some pipe fish etc.

Bay Head is where the
vessel _____ went

down some months ago
with over 100 passengers.
Saw the famous yacht
'Pilgrim'.

Aug. 8

Went with Wilson toward
quarry works. Picked up
Bullas, dry worms, etc.
Found Estheria

very common in small
pond back of factory.
Also a few Psidium.
Wilson left for So
Dartmouth at 4 P.M.

Aug. 5

Went out toward the
 giant water organ
 for much collecting
 This and following
 days were about as
 much the same way.
 At low tide I collected &
 later but saw what
 I obtained. Why came
 down by the
 went down steamboat
 wharf & picked up 25
 fish etc. also made
 shells. Mr. Wilson came in
 Evening Aug 7.
 Went up to Wood Island
 & with him we went
 to Mink's Bay
 near Long Key (about
 12 miles away) to visit

His appearance is not at all remarkable & he talks but little. S. J. Smith has a "clerical look", smooth face & is pleasant & talkative. Prof. Lee, a good looking gentleman with full brown beard is also pleasant & talkative. Sanderson Smith looks like Max Otto & is very nice. I spent most of my time with him & also went up in the afternoon & brought the little Norfolk shuck with me. Toward evening I went up in the direction of the guano works & picked up *Odostomia*, *Littorina rudis*, *Littorina litorea*, etc.

Prof. Barr, who is a
large party of gentlemen
& who took me very
well. He asked me to
come up in the morning
& meet the gentleman
in the laboratory.

Aug. 4.

Went to visit Com. T
Prof. Barr introduced
me to Mr. Benedict, the
"bumble bee" who
took me to the laboratory
& introduced me to
Prof. Lee, who was at
right angles & Bergstrom
Prof. Smith, Comstock &
Prof. Smith and Southern

Smith, Mendenhall,
Prof. Smith. Smith has a young
assistant & probably
has his head bent forward
611

Went to Sunday school celebration
Got wet Sunday ^{evening}
Also picked up a few
shells. Pteris & the
Lilium were very
abundant everywhere.
Boarded the ^{Aug 3} 12:40 P.M.
train at Buzzards
Bay for Woods. Stopped
after writing to Wilson
whom I did not find.
Reached Woods' Hall &
put up at L.D. Fish
being compelled to take
a room with Mr. Davis
a carpenter. Fish is a
shoemaker & a dwarf
while his wife is a large
woman as is the daughter
Lily. Very ill-matched pair.
Paid \$3.00 a week.
Went to H.S. Fish
congratulation & met

Fall River, the border
 city with 50 cotton
 mills no more valuable
 on a bluff in the 6 miles
 of the river which I
 saw were mostly large
 steam grante, 4-story
 houses. I went with the
 family to the city hall
 (of which we began)
 to see our new but
 poor remains to the
 deposit, which I left
 for Burgard's Bay
 at Burgard's Bay
 at the Palms
 Home (1.25). On a
 little platform with
 Sunday, 4 more minutes
 arriving, for nearly
 an hour per collection

I turned in at about
8 o'clock as I was very
tired, and slept soundly
until five, when we
reached Fall River,

Aug. 2
Description of the Pilgrim,

Boarded the steamer at

4:30 & we left about 5:30

while a fine rain was

falling. We had a good

view of Gov. Isl., Beards

Isl., the great bridge,

and then passing numerous

large islands, we passed

Washington Park on the left,

Blackburn Isl. with its

general straggling

cottages in the night,

though Hotel Lake with

Russell's Ward also

to the left. Then past

St. Sebastian out into

the sound. On back

also we could see the

shores which were visible

the hills coming up

quite to the water's edge.

to the right Red locs
 2d. where can be
 seen the sup. for
 erection of "Liberty".
 It has apparently not
 advanced more than
 3 or 4 stories
 Brooklyn

Same level wagons	much lower	much lower	same level wagons
Cars	Foot	Cars	Station High level →
Shanty			→

New York
 a sight not to be
 forgotten
 Beahm
 or
 Beahm

Learned that Sam's was dead
Went to Mr. White (see
above) & then until 10:30
p.m. And a good talk
with Mr. White. Sam B. car
to the bridge. And to the
house from the bridge
as from the car
went on for the car
can work. And the
the following morning
the following morning, which
the following morning in the
with one more
with the car at last
went to the car
about 10:30 p.m.
at night

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can work. And the
the following morning
the following morning, which
the following morning in the
with one more
with the car at last
went to the car
about 10:30 p.m.
at night

Took a B^o. Ave. car
near Postoffice & went
about 18 blocks, to H. F.
Woodman's agency, no
204, 6th St. I found the
old gentleman very jolly,
very talkative, especially
concerning Iowa affairs, & not
at all fond of N. York hacks
Then went to Broadway
(Astor Place) & took a
car to no 11. E 22nd St
to H. Prime, who was gone
however. Saw a bronze
statue of Lincoln on
the way ^{at Union Square} (About 12
blocks from Woodman's)
Then went W. to 4th Ave.
& took street cars for
5th St. Stopped at
Dr. Brodsky's, but he
had gone to Europe
H F 1

Reached N.Y. at 4:30 Saturday

morning, and arrived at

the steamer with other 7.

Then I went down to the

water of the harbor &

had me 8.8. Am I got

a ticket by Lake Park to

Longwood Bay, = \$3.90 with

other packages.

Then I went up Murray

street to the city hall, just

beyond Broad way.

The first 6-story building

building is across the way

The city hall - 7 stories

2-story. Across from

the 4th 4th story

Post Office. Everything

is done in morning.

The elevated R.R. is a

new angle to me.

not show, at the distance,
any signs of anchors.
The length of the
Richmond is, about
225 ft, width, amid-
ships about 32.

The steamer has had
to stop entirely a
couple of times because
of "hot-boxes".

The "starboard" side
of a ship is the right
side, the "port" side
the left.

Capt. Boaz of the
Richmond.

The red light is on the port side
"green" "starboard".

We passed within view
of Ocean Grove and

Long Beach, which presents
a long chain of electric
lights &c.

These are my first and
 second papers given
 "happy" I returned my
 certificate both for
 dinner and supper.
 About sunset we were
 off the Bargegate
 light-house (now going) with
 a large sailing boat
 before this we had passed
 within sight of Egg Harbor
 opposite the big lot house
 we saw the steam
 barge which was
 wrecked on the rocks
 8 mi. ago. She
 ran between Galveston
 and New York. The
 afternoon was that
 of a clear night
 in June (1830)

I counted them a
number of times (in
different places) and
at no time did I count
less than thirty.
The number of passengers
~~was~~ small. As far as
I have seen a lady and
a young gentleman sea-sick.
The lady seemed to be
much so, whereas the young
man (Mr. Barr of
P.O. Point) complained only
in the morning. Thus
^(12 M.) far, I have been free
from any trouble. Had
a good appetite for breakfast
& did it justice.
We were out of sight of land
for several hours just before
and after noon, - opposite
Delaware Bay.

a gentle breeze blowing
from the north at about 11 o'clock
and about mid night

about 8 on the morning
could see the mountains
there is a faint line
to the west. could also
see Ocean City as we passed
the sea is quite calm
and the trip is a
delightful one

and that I missed the
"Bay Line" steamer
We are at this point
at angle of land, it
at all the time when
there is no current in fact

as fast, easy when
ships, down our faces
in all the morning and
continually in sight
921

started at 8⁰⁰ o'clock

P. M. sailed down
Elizabeth river, past
Portsmouth, the Naval
Hospital, Fort Monroe
Cape Charles & Henry into
the Atlantic, in the
Bay. I saw the phosphorescent
glowing jelly-fish, the
light flashing up
occasionally like a ball
of soft flame.

We could see the lights
of Ocean View for
a great distance as
we were passing.
We reached Cape Charles
and Henry at about
11 o'clock. The ride was
beautiful, the night
being moonlit, and only

After dinner we went to
the N. & S. R.R. wharf & stowed
Mr. Henrich's baggage & went
to the "Old Dominion Line"
wharf (at foot of Church
str.) where Mr. Henrich
boarded the "Old Dominion"
for New York.

I went to my old stopping
place at the River House
and spent a miserable
night - cause of misery -
bed bugs & mosquitoes.

July 31

Went to Ocean View at
7³⁰ A.M. Took a trolley
along. Reached Ocean View
at 8⁰⁰ & providing myself
with lunch, went up
the beach to Willoughby
Spit opposite old Point
Comfort, where I obtained

The people seem to be
the high-mountain people

July 30

Started at 5 with a

four o'clock train & will drop
at 7:45 (between Port-au-Prince and

Capt. Southgate, to Capt. J.

Reached Elizabeth City a
little after 9 o'clock, and

as there was a freight
train waiting we started
out 10 o'clock for Norfolk.

After a fine, clear morning
we reached Norfolk at

8 o'clock P.M. and went over
(by ferry) to Norfolk, where
we took dinner at the

Prince Hotel, on 3rd Street.

A main street, 75th Street
& 90th Street.

& the shades produced by the reflected clouds were beautiful. There was but little rain fall. The sunset was beautiful.

The remnants of the storm cloud on the horizon were variously tinted with blue, red, yellow, black etc.

We passed around Roanoke Isl. again, in sight of the large Bodys Isl. light house and reached Nag's Head about 9 o'clock and laid over until 5 next morning.

We went to Nag's Head hotel & staid until 11 o'clock.

Climbed the sand. hill & had a magnificent view of the sound, beach & ocean by moonlight.

Everything about the Head looks 2nd class though

At New Bern 8 am
 The Polytechnic Museum
 in excellent condition
 being especially interested
 by the new
 the first month
 from New Bern at
 4 P.M. but the being
 summer day we left
 New Bern a little
 after noon. Trucks
 with state room 85-10
 made 500 ft.
 We had a narrow creek
 the road down the
 there was half an hour
 down to the far end
 of the creek, though it
 no very narrow
 there was a storm coming

July 29 - Tuesday

Went to Morehead at 5 A.M.
& took the train for
New Bern. Saw many
interesting flowers on the
way, among them
Magnolia glauca in bloom,
Saurauia, etc. Also
saw much cotton in
bloom, with white & red
flowers. The plants were
not more than $1\frac{1}{2}$ ° high.
It would well be worth
the time to make this
trip overland for botanical
work. The pine forest
have such a dense
undergrowth that it
would really be useless
to attempt to get
through. Shrubs & vines
& trees grow in the
greatest profusion and

Nothing at all is the
 most desirable summer resort
 which I have ever seen.
 There is no lunch room,
 nothing but marble &
 marble floors.

likely to look after his
own interests before those
of others.

Mr. Morrill of ^{Cincinnati, O}
~~Terre Haute~~ ^{College Hill}

Ind., a very quiet, very
studious man of perhaps
thirty, though apparently
much less.

Mr. Jenkins of Terre Haute, Ind.
quite free to express himself.

Mrs. Tyler, the house keeper,
proved to be very kind to
me in my sickness!

William the cook &
general manager of the
household also deserves
mention.

Mr. Duncan of Deaught
is the young man who
persisted in talking "religion"
to me. 881

Dr. Mullis of Guantanamo, ~~Guantanamo~~

Therapeutic English in the West

Dr. J. C. Kemmick & Associates

James M. Smith

Dr. Hessel

With warmest regards
Mrs. Harwich the General

and contribute of N. H. Davis.
with whom I joined the

and entangled of N. Hamp.
with when I found the
most intimate acquaintance

with whom I joined 8 June 1776

most intimate acquaintance

Mr. Feltman, - great thought

mining brush

Dr. W. C. Munnich
Guest and not given a

Guest and not yours

So much talking generally

Mr. Jones & John Jones

11. 12. 1911

of the full value

8th Nov 1891

Mrs. Jacobus
Jensen, and wife

John, Long Island

jelly-fish being
remarkably fine. He is
plain in his habits &
possesses remarkable
application to work.
He is a native of Cleveland.
Mrs. Brooks is a good-
natured little soul, somewhat
sickly, but intensely devoted
to her "lord" & little ones.
She lacked opportunities
for education in early life,
but has "picked up" very well.
The two little ones, Charlie
& Nettie complete the
family. Charles, the older,
will be a thinker of few
words like his father, while
Nettie is a lively little
talker, who is as Dr. Will
expressed it, a "born
conversationalist."

8/11

had better cultivate some
common wild flower for a
number of years carefully
observing the variations
under the following the
conditions: Growing the
cultivated + wild forms
of any species - the former
produced by the pollen
of cultivated or offspring of
wild form will be more
variable than the reverse, -
i.e. he wishes to show that
the made element in the
one producing the greater
variations, - is changes
I found him very hard
arguable and a hard
thinker. He is an
excellent free artist, some
of his drawings of

intermarriage. Mr. Cox
the teacher, told me that
when anyone dies four-
fifths of his pupils were
excused because of relationship.
I found it very difficult
to get many common
articles, such as thread, sealing
wax etc. The people however
were very willing to give
all information possible, -
indeed "directing" one
seems to be their great trait.
Among the people whom I
met I think these deserve
mention. First of course
the members of the laboratory.
Dr. Brooks is little talkative,
at first seemingly unsocial,
but he speaks to the point
and wastes no words.
He suggested to me that I

CH 1

July 27th Sunday
Spent all day working
very hard, cleaning up
bedroom, etc.

July 28. Monday
Spent the day in packing
my specimens.

German bought me
Acridothera and Zebrina.

Said my good-byes in
the evening and left
at 5 o'clock morning
for Mannheim.

Informations of 2 counts

I found beautiful a very
pleasant place as far
as scenery goes but the
town itself is old-fashioned
and as I am unfamiliar
the people here nearly
all become hostile.

Occasionally Dr. Brooks
dropped in for a chat or
brought me books or
papers.

(Expand on this.)

Heredity

W. K. Brooks

John Murphy & Co

Baltimore Md.

July 24 Thurs.
Was able to be about the
house a little, but had to
be very careful.

July 25 Fri.
Ventured to do a little
walking though I still
found it painful.

July 26 Sat.
Walked about more, going
out to the water (only a
short distance.)
H H 1

are. Next day went

in morning I was

July 18 - Friday

Huddled about the house

trying to clear

but was very sore

July 19th 88

was put to bed by order

of Dr. Will. knee

swollen and sore

since the leg was

20-21-22-23-

Spent three days in bed

moving my leg and

arm. They were damp

of moving with which

but little movement

fell (as when I was

was nervous)

Dr. Will and Mrs. Hys

were with very kind

and Mrs. Brooks.

July 14. Mon.

Went to Shark Shoal with
the Nauplius from
Moll. etc (see list.)

Did some towing & found
Oreania & —

(little jelly fish) etc.

July 15 — Tues

Went to Shark Shoal
myself with usual result.
Found many Pecten irradians.

See next July 17 Thurs

Went with 'Nauplius'
out beyond bar to
Shackleford Beach, to
do some trawling. Hauled
up Star fishes & much
Plumularia.

July 16. Wednes

Went on Bird Shoal
with a bag & got

Saturday July 12 - Saturday

Met with the "Newspaper" to Ft. Mason. Found

Myrmecodia, Lonicera, etc.

much an acquaintance

with Mr. Hornsby, who

devoted some time to botany.

The Ft. Story looks

formidable enough and

is generally admired.

It is not garnished.

It was early taken in the

name of snakes,

though not equal to

the "Horned Lizard" words

of the name at the

Ft. to the below.

July 13 - Sunday

Spent the morning in

making letters in the

afternoon took a walk

in the Grove with Mr.

accommodations. Called on Prof. Brooks.

July 9

Went to Bird Shoal very early, and got a great quantity of shells, *Libinia*, etc.

In the evening I called on Prof. Brooks at the home and listened to the "reading."

July 10th Thursday

Spent this preparing what I got. In the evening I changed my quarters to Prof. Brooks's, obtained a room from Mrs. Tyler and mess with The Laboratory.

July 11th Friday

Spent this mostly in moving and in cleaning up. Hired a boat from Gibbs in the afternoon, and went over to Bird Shoal marsh. Found only a few *Sponges*.

where I put up it
with some bones

who keeps a private

hotel. The accommodation
was excellent, but the

price too much.

Stayed with Mrs. Davis until

the evening

July 8.

In the morning I went out on
sharks boat with the negro

fisher, and obtained shells,

etc (see list of lot sent away)

Spent afternoon with Rev.

Trice, who is a childish

old gentleman, kind &

good hearted, named his

shells for shrimp.

In the evening I went to

Mrs. Davis where I found

shells, though very poor.

a July 7
Put up at the Central
House. B. Patterson prop.
Stayed until 8 P.M., when
I left by rail for
Birmingham. The day
was spent at New Bern
in botanical work for
result of which see
herbarium & notes.

Met Mr. Geo. Allen the
prominent hardware
merchant, and found
him a very live, energetic
and agreeable gentleman.
Also Major John Hughes,
a lawyer, whom I also
found very friendly.
Arrived at Birmingham
about ten, & took
Steph. Patterson's Turners
sail boat for Beaufort

191

a little after 6 A.M.

Arrived at New River

6 o'clock

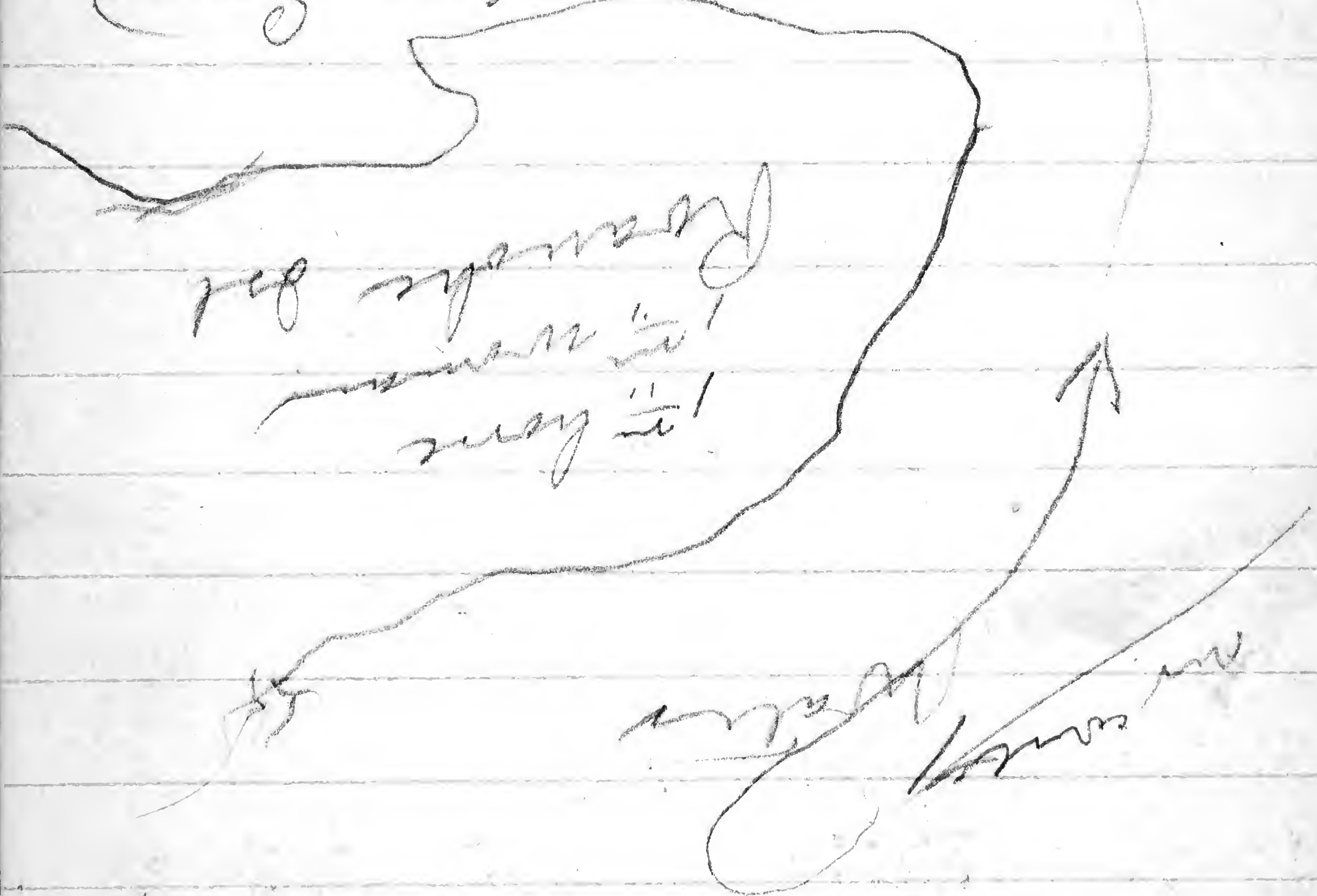
(we arrived at it at about

around 12 o'clock

after 5 o'clock

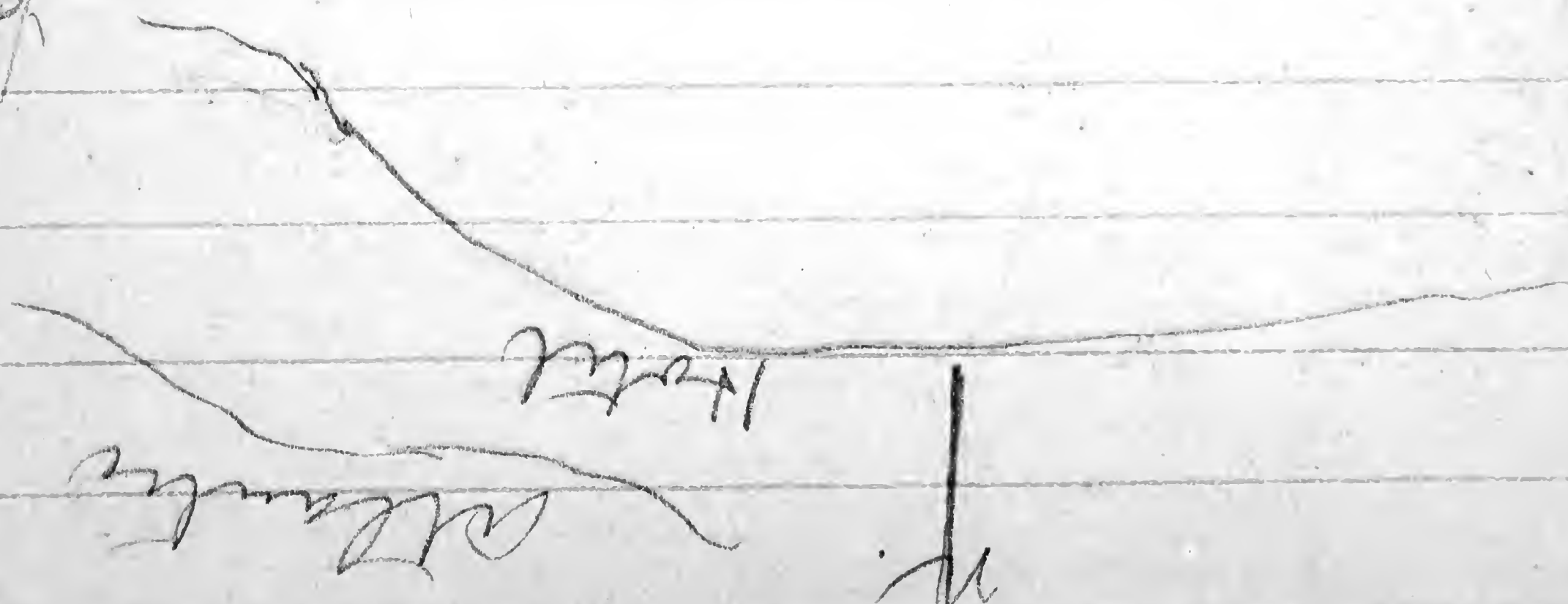
Started from New River


Pointe à la Poudre



Pointe à la Poudre

12




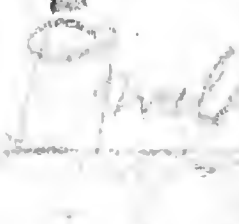
at 4 o'clock we landed
at Nags Head a Summer
Resort, the most barren
place which I have seen.
Bare sand-hills rise on all
sides & no trees are seen
nearer than $\frac{1}{2}$ mile (west).
The hotel stands on a narrow
neck, & beyond to the N. E.
I can see the Atlantic
Atlantic
Hotel

There are about twenty
houses beside the hotel,
strung along the beach.
People who go to this place
must want to visit a
summer resort awfully
badly.

The North-west river & others
are known by number,
The water is healthy, sweet
acting the malaria.
Near Elagabath City in the
Pampanatama river (S. of the city)
is a creek which, I am
told was made during the
war by the Confed., but is
now near the city. There
was a battery erected opposite
the where the bridge was
now stands.
The road down the
Pampanatama to Allamore
is about 14 miles distant.
The way in the road
was very pleasant and
at times being out of the
sight in our midst of the
others.

July 6.

In the morning went out to get my knife (which was left in the woods). Found a fern (*Asplenium*) in the gutters of Elizabeth City. Spent the forenoon in "noising" around, and finally left on the "Shenandoah" for New Bern.

Elizabeth City is an old-fashioned town with very fair streets. The 2-wheeled cart holds the load, & one horse, mule or ox is the motive power. The old-fashioned wells  are found everywhere, the shallow  wells making these really preferable.

The cypress is very abundant in the swamps. The waters in the ¹⁹¹ Pasquotank river & in

Polyphidum verum
as abundant in the
large churches of
Brynolth city.

July 5th Sunday
Spent the day
plant and writing
letters. A dull day.

While at home I saw
the President 4th July
presiding a ceremony on
the negroes. Negroes were
in the street very happy
I am very glad
with Prof. Hall
called on Mr. McNeill
the great English poet
of Brynolth City with
whom I had a pleasant
chat.

July 3rd afternoon
Spent the ~~day~~ afternoon
~~pressing~~ collecting plants,
Hornu. See list of plants

Saw Cardinal birds, &
Mocking birds quite
numerous. Also a pair
of vultures.

July 4th
Spent the day in pressing
and analysing plants.
In the afternoon I
called on Prof. Sheep
who conducts a private
Academy & is Co.
Superintendent. He is
from Pa. & is a very
pleasant young
man with language
& mathematics a specialty.

(Thom 2 of Northhampton)
 Portsmouth, Rhode Island
 Rembleton Green
 Town with North
 City. North, with
 Portsmouth and the
 U.S. Naval Hospital, very
 much situated.

Spent the remainder of the day in
cleaning and packing.
Obtained the following
from B. Reddle:

1 fossil Sharks tooth

1 small " "

1 " coconut.

2 Prawn.

1 toad fish, 1 sea horse.

2 sharks' jaws.

July 3rd
Left Norfolk at 9 40
for Elizabeth City, round-
trip to Newbern \$4 60,
Reached Eliz. City at
noon & stopped at River View Hotel.
My impressions
of Norfolk

Streets narrow and crooked
and dirty, with surface
sewerage. Very unhealthy.
Maggies very plenty (more

On the Sand flat
I found a number of
Terns. nesting (4 set) &
Also a number of things

A single egg.
I just across the channel

I saw see the West or

the "Pip-Rapo" as the people
call it, a little beyond
the low-land of

at Murre.

Returned to Norfolk at
10³⁰.

July 12
Spent in clearing and
packing specimens

July 2.
Covers in Prof. Webster
a black and white in

his garden and also
Mentiana picta.

June 30-

Went to Ocean View
(7 miles distant) & went
up the beach to opposite
Fort Monroe.

Collected a great amount
of material.

Red sponges, "egg" sponge,
"spongy" sponge, *Crepidula*
fornicata, *Siliqua*, *Solen*,
"sand-crabs", - a new dry crab,
cast on shore, young of
"sand-fiddlers", a number
of "Pteropods" (?) (I called them
"*Planaria*" at first),
Anomia, etc.

In Little Bay I collected
Nassa obsoleta (very numerous)
" " *viridis*, Hermit-crabs,
large oysters, *Crepidula*
planata (on oysters).

Picked up a dry Ballon-fish.
09/ Caught a live "Star-gazer."

He was a Mahomedan,
'came he young de
people's man.
The argument that he
was was that the
Mahomedans were not
citizens when the war
broke out and that
and hence they ought
not to be regarded as
pay a debt which
they did not contract,
and quite a number of
dirty) traitorous Muslims
near the city.

June 30 - Sunday

This was Botany day.
Went out into the pine-
woods beyond Cemetery
(at end of Church str).

Found a large "purple
pear", Chimaphila
(ground-holly),

Oxyriopodium acule
(in fruit), Aster
Hypericum (along road
side), Trumpet-creeper
(along road side) Lonicera
sempervirens & other plants
on which see list.

Also a fern.

Black-berries abundant,
and so was the rain,
but an awful soaking.
Had a lengthy conversation
with a darkey by the
roadside!

June 29.
 Went a foot and went
 to Berkeley Branch
 This is sandy with a
 film of mud
 found oysters in the
 bank, also the "shell"
 called crab in country -
 also murex, on the
 muddy flat Holothurina
 common murex
 picked up a great
 number of *Polydora*
viridis in the sand.
 There were much cleaner
 than those on mud-flats.

X June 25 - Sub.
Called on Rev. Armstrong
a Presb. minister in No. 1
Court. Had a short
chat with him & with
him advice went to
Dr. Hedges & obtain some
ferns on the old brick
walls (W. Richardson, & Plin's)
Also Polypod. incarnum
on the large elms in
the street of Norfolk.
These were hardly too dry
to preserve.

June 27
Rainy - stay in
the house all day.

June 28
Collected along the wharf
in the afternoon - nothing
special. Rainy.

another of a number
of scientific books and
papers. The two charge
of Webster's no. 1 a pup. order
June 26th
called on Prof. Webster
again, and out there
Mr. Esch Bates of New
Hampshire that a pleasant
stained 2 fine Boston
a a canoe from the Pig
heart to where on Bay over
and called "Sting-into"
the "agle like what smoky"
Medusa, etc.
Also obtained *Trigloporus*
avenue, & the "yellow"
purple sea "with
polygala — on sand
glens in Norfolk

Returned about 8³⁰ & worked
on the mud-flats along the
Elizabeth river until the
tide compelled me to leave.

Found a great number of
Melampus bidentatus,
Pittornia striata, Modiola
plicatula, "Fiddler" crabs
in great numbers, Also
a Hammarus.

Also found sharks' eggs
& eggs of Fulgur at the
Va. Beach.

June 25th

Collected Melampus, etc
along the bayou near
Va. Beach Depot, Norfolk -
In the morning I called on
Prof. N. B. Webster, whom I
found to be a very obliging
kind-hearted old gentleman, -
well-informed, and an

June 24th

Reached Norfolk at 8³⁰
 Put up at the Rammer

(B. Peck)
 there, where Professor
 was in Mexican

Confederate army. He
 observed that the war

were not yet ended.

York are occurring by

and the Virginia Beach
 on the Atlantic. The

were my first view

of the ocean

"Caught a number of
 'saw-fish' and three

large crabs which were
 served up by the

morning wine.

The sand fishes are the
 "shipwrecks" of the ocean
 beach.

The great abundance
of ships of all sizes
of kinds at both
places was a new
picture to me (even
after seeing Chicago &
Boulder)

They all wanted to
 know what the getting
 down with was. To
 the market place of
 Beetham & Norfolk
 were near to me. There
 everything in fruit,
 vegetables, fish etc.
 etc. can be bought.
 The shops of Beetham
 are not all straight
 nor were, though some
 are Beetham, but
 quite wide & pretty,
 with a flower garden
 running in middle,
 Norfolk has very
 narrow & crooked
 streets, some as
 large as by water
 on all sides.

In Virginia small grain
was being harvested.

The great number of
day-lilies & the great
abundance of white-
wash on fences, barns,
sheds, houses, etc.
were striking.

Pines abundant in
Va.

The women of Baltimore
are ugly as a rule.
Those of Norfolk pretty
(not handsome, but
well-formed in face &
figure, graceful, etc.
as also are the men
of Norfolk.

Thus far I found
the darkies childlike
in their innocence.

General Remarks
on the Estimation

was much like some
others had almost no
flowers along R.R.
nothing but weeds
+ grass. In other
the great scarcity of
hops + cattle and

abundance of sheep
was striking.

After we passed Memphis
of the scenery was
more interesting. The
country being very
openly beyond
Memphis. The red (good)
sandy soil was peculiar
from in some places.

Here also a canal
runs parallel with
the B. & O. R.R. for some
distance.

Reached Washington
at 7³⁰ and saw

White House nicely

from the R.R.

Reached Baltimore at

8³⁵ & at once

hunted up V. J. Smith, 294

N. Broadway St.

Saw John's Hopkin

"Anniversary" as the

dasher put it.

At 7³⁰ took Bay steam

"Caroline" for Norfolk

which I reached at

about 8³⁰ June 24th

After a pleasant voyage

down the Bay. Boat stopped

at 11¹⁵ saw St. Marks. Boat stopped

Reached June 25. This is the west
5-35

remains of the Bluffs (marked)
along the Portage have
away up in lofty.

grounding on all sides.

The end of the river

(which was very long)

and covered with large

masses of rocks, forming

rapids in the river

for a long distance

near the depot at the

end of the river of the

old army in which

John Brown was executed
(or which he attacked)

(see picture on fly-leaf
two short tunnels)

by the Hudson River.

vertical bluffs are capped
with cedar(?) The country is
very rough to Bellair

At Cambridge, ^(just west) we passed through
my first tunnel. Also one long
and one short tunnel between
Barnesville and St. Clairville
and one where there was also
considerable coal.

Crossed the Ohio ^{river} at Bellair
to Penna. at a little after 5 P.M.
Between Penna. and Cameron
Pa. there occurs a small
tunnel between these points
between the river & the Pa. line. There
are a few small tunnels in Pa.
between the river & the Pa. line.
The river is a mile
wide at this point. The
country is rough & hilly
at this point. The
river is a mile
wide at this point.
The country is rough & hilly
at this point.

Reached Chicago June at 9 10
and changed cars for New York.
The scenery
between Gray Rock and Black
Herd was especially fine. The
R.R. runs along a stream where

[Faint, mostly illegible handwritten text follows, appearing to be a journal entry or letter.]

June 20-1885

Left Iowa City at 5 A.M.

arrived at Chicago 2³⁰ P.M.

Saw Exposition Building,

Palmer house, Custom-house &

Post office, Board of Trade,

C. R. I. & P. depot, The Lake etc.

Started from Chicago at

7³⁰ P.M. & reached

Toledo O. at 4¹⁵ A.M.

June 21.

By the Lake Shore & Mich. S.
R.R. Had to wait until

10 A.M. to get to Monroville

& so I stepped out &

found Ranunculus acris,

Trifolium procumbens

& Geranium vulgare etc.

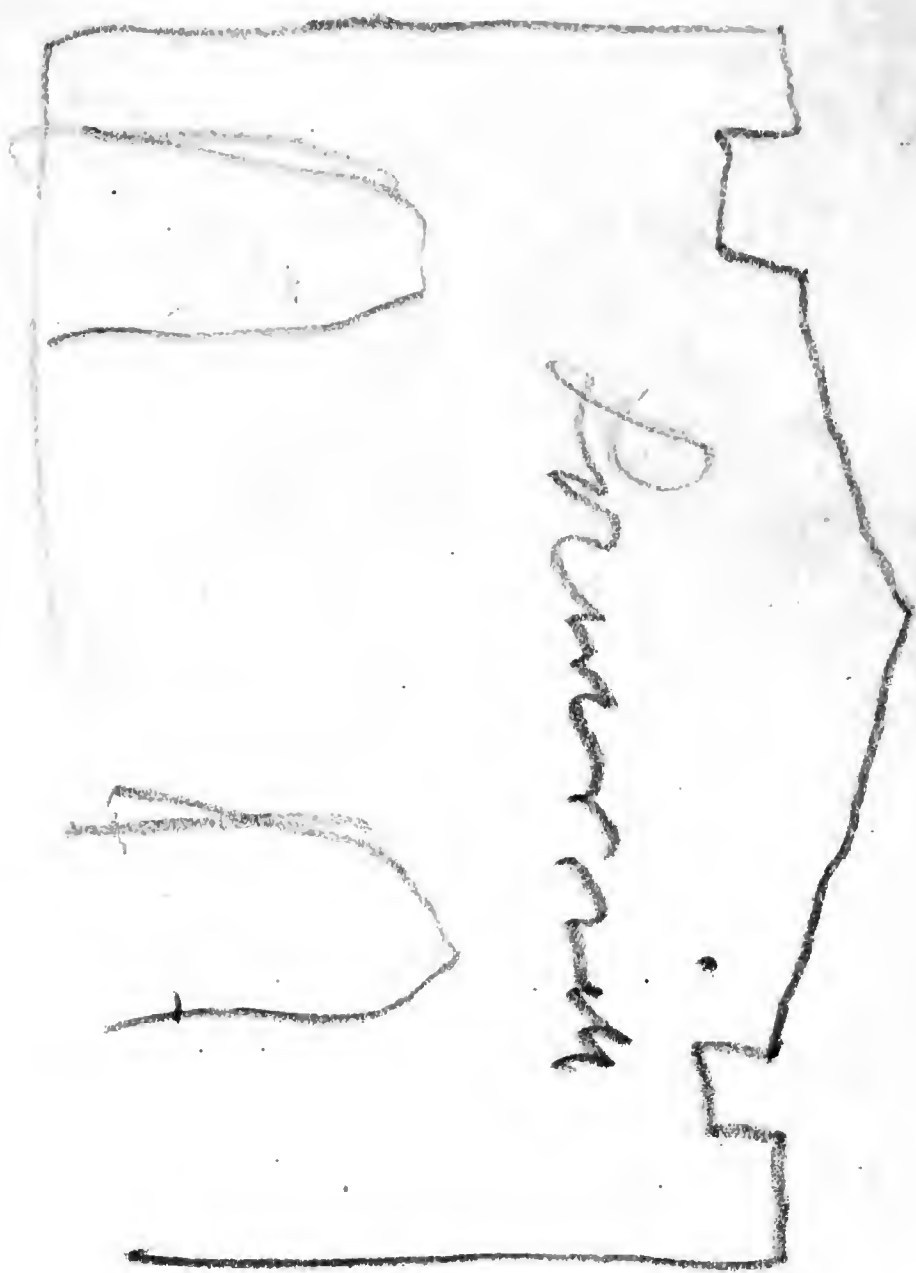
& saved some of each.

These grew along from near

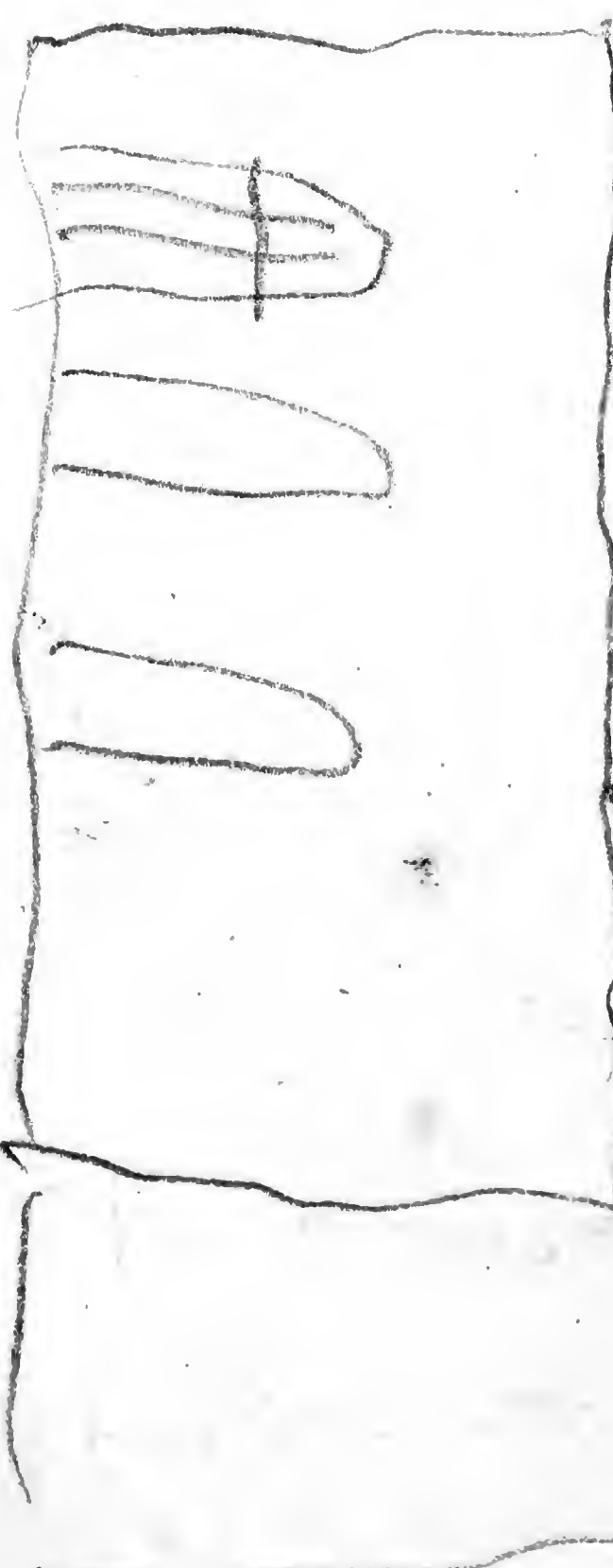
R.R. yards.

9 L 1

1st floor barn



armory



11 doors

Two Ironworks bays

1st floor

R.R. along a canal

21 1/2

Note-book

no I.

Commenced June 20

X 8 8 5

Got to work 7²⁰

"Prepare for eternity
now"

Soon as for later "1"

176

Free on duty & stored
at
Harrington

The lot of glass which
I bought from Little at
Bourmont came from
Lake Umbagog, from
the Bay, from
Berkshire beach.

157 - Ball

What else

Bay Line

V. J. Smith
294
August 29

10. 82

East

East

1885